

Chemicals by name

| <u>Name</u> | <u>Key/CAS</u> |
|--|-----------------------|
| (+)-Isopropyl S-2-dimethylaminoethyl methylphosphonothiolate | 13915-98-5 |
| (+)-O-Isopropyl S-2-dimethylaminoethyl methylphosphonothiolate | 13915-98-5 |
| (+)-Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl] O-isopropyl ester | 13915-98-5 |
| (+)-S-[2-(dimethylamino)ethyl] O-isopropyl methylphosphonothioate | 13915-98-5 |
| (+)-Saxitoxin | 35523-89-8 |
| (-) 1,2-Dimethylpropyl S-2-diisopropylaminoethyl methylphosphonothiolate | (598-75-4)-M1A3-II(-) |
| (-) O-1,2-dimethylpropyl S-2-diisopropylaminoethyl methylphosphonothiolate | (598-75-4)-M1A3-II(-) |
| (-) Pinacolyl methylphosphonofluoridate | (464-07-3)-M1A1-C(-) |
| (-) S-[2-(diisopropylamino)ethyl] O-3-methylbut-2-yl methylphosphonothiolate | (598-75-4)-M1A3-II(-) |
| (-)-1,2,2-Trimethylpropyl methylphosphonofluoridate | (464-07-3)-M1A1-C(-) |
| (-)-1,2,2-Trimethylpropyl methylphosphonofluoridoate | (464-07-3)-M1A1-C(-) |
| (-)-2,2-Dimethylbut-3-yl methylphosphonofluoridate | (464-07-3)-M1A1-C(-) |
| (-)-Isopropyl S-2-dimethylaminoethyl methylphosphonothiolate | 13915-99-6 |
| (-)-Isopropyl S-2-trimethylammonioethyl methylphosphonothioate iodide | 26348-71-0 |
| (-)-O-Isopropyl S-2-dimethylaminoethyl methylphosphonothiolate | 13915-99-6 |
| (-)-Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl] O-isopropyl ester | 13915-99-6 |
| (-)-S-[2-(dimethylamino)ethyl] O-isopropyl methylphosphonothioate | 13915-99-6 |
| (.beta.-Chloroethyl)diethylamine | 100-35-6 |
| (.beta.-Chloroethyl)diisopropylamine hydrochloride | 4261-68-1 |
| (.beta.-Chloroethyl)dimethylamine-hydrochloride | 4584-46-7 |
| (1R) Pinacolyl methylphosphonofluoridate | 89254-46-6 |
| (1R)-1,2,2-Trimethylpropyl methylphosphonofluoridate | 89254-46-6 |
| (1R)-1,2,2-Trimethylpropyl methylphosphonofluoridoate | 89254-46-6 |
| (1R)-1-Methylheptyl methylphosphonofluoridate | 24753-12-6 |
| (1R)-1-Methylheptyl methylphosphonofluoridoate | 24753-12-6 |
| (1S) Pinacolyl methylphosphonofluoridate | 89254-45-5 |
| (1S)-1,2,2-Trimethylpropyl | 89254-45-5 |
| (1S)-1,2,2-Trimethylpropyl methylphosphonofluoridoate | 89254-45-5 |
| (1S)-1-Methylheptyl methylphosphonofluoridate | 22925-96-8 |
| (1S)-1-Methylheptyl methylphosphonofluoridoate | 22925-96-8 |
| (2-Chloroethyl)diethylamine | 100-35-6 |
| (2-Chloroethyl)diethylamine monohydrochloride | 869-24-9 |
| (2-Chloroethyl)dimethylamine | 107-99-3 |
| (2-Chloroethyl)dimethylamine hydrochloride | 4584-46-7 |
| (2-Chloroethyl)dipropylamine | 36716-60-6 |
| (2-Mercaptoethyl)dimethylamine | 108-02-1 |
| (2-Mercaptoethyl)dimethylammonium chloride | 13242-44-9 |
| (2-Mercaptoethyl)trimethylammonium iodide, isopropyl methylphosphonothioate | 1866-98-4 |
| (2-Mercaptoethyl)trimethylammonium iodide, S-ester with O-isopropyl methylphosphonothioate | 1866-98-4 |
| (2E)-But-2-enyl methylphosphonofluoridate | 138780-00-4 |
| (2R)-Oct-2-yl methylphosphonofluoridate | 24753-12-6 |
| (2S)-2-Methylbutyl methylphosphonofluoridoate | (137-32-6)-M1A1 |
| (2S)-Oct-2-yl methylphosphonofluoridate | 22925-96-8 |
| (3R)-2,2-Dimethylbut-3-yl methylphosphonofluoridate | 89254-46-6 |
| (3S)-2,2-Dimethylbut-3-yl methylphosphonofluoridate | 89254-45-5 |
| (Diethylamino)ethanethiol hydrochloride | 1942-52-5 |
| (Dimethylamido)phosphoric dichloride | 677-43-0 |
| (Dimethylamino)ethyl mercaptan | 108-02-1 |
| (E)-2-Butenyl methylphosphonofluoridate | 138780-00-4 |

| <i>Name</i> | <i>Key/CAS</i> |
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| (E)-O-2-Butenyl methylphosphonofluoridate | 138780-00-4 |
| (N,N-Diethylamino)ethyl chloride hydrochloride | 869-24-9 |
| (N,N-Diisopropylamino)ethanol | 96-80-0 |
| (R) Ethanaminium, N,N,N-trimethyl-2-[(isopropoxymethylphosphinyl)thio]-, iodide | 26348-71-0 |
| (R)-2-[[Isopropoxy(methyl)phosphoryl]sulfanyl]-N,N,N-trimethylethanaminium iodide | 26348-71-0 |
| (R)-Ethyl S-2-diisopropylaminoethyl methylphosphonothiolate | 65167-63-7 |
| (R)-Isopropyl S-2-dimethylaminoethyl methylphosphonothiolate | 13915-99-6 |
| (R)-O-Ethyl S-[2-(diisopropylamino)ethyl] methylphosphonothioate | 65167-63-7 |
| (R)-O-Ethyl S-2-diisopropylaminoethyl methylphosphonothiolate | 65167-63-7 |
| (R)-O-Isopropyl S-2-dimethylaminoethyl methylphosphonothiolate | 13915-99-6 |
| (S)-Isopropyl S-2-dimethylaminoethyl methylphosphonothiolate | 13915-98-5 |
| (S)-O-Isopropyl S-2-dimethylaminoethyl methylphosphonothiolate | 13915-98-5 |
| (Z)-2-Chlorovinyl-dichloroarsine | 34461-56-8 |
| .alpha.,.alpha.-Diphenyl-.alpha.-hydroxyacetic acid | 76-93-7 |
| .alpha.,.alpha.-Diphenylglycolic acid | 76-93-7 |
| .alpha.-Hydroxy-.alpha.-phenylbenzeneacetic acid | 76-93-7 |
| .alpha.-Hydroxy-2,2-diphenylacetic acid | 76-93-7 |
| .alpha.-Hydroxydiphenylacetic acid | 76-93-7 |
| .beta.,.beta.'-Dichlorodiethyl sulfide | 505-60-2 |
| .beta.,.beta.'-Dichloroethyl sulfide | 505-60-2 |
| .beta.,.beta.'-Dihydroxydiethyl sulfide | 111-48-8 |
| .beta.,.beta.'-Dihydroxyethyl sulfide | 111-48-8 |
| .beta.-(Diethylamino)ethyl chloride | 100-35-6 |
| .beta.-(Diethylamino)ethyl chloride hydrochloride | 869-24-9 |
| .beta.-(Diisopropylamino)ethyl chloride | 96-79-7 |
| .beta.-(Dimethylamino)ethyl chloride | 107-99-3 |
| .beta.-(N,N-Dimethylamino)ethyl chloride | 107-99-3 |
| .beta.-Chloroethyldiethylamine hydrochloride | 869-24-9 |
| .beta.-Chloroethyldimethylamine | 107-99-3 |
| .beta.-Chloroethylisobutyl sulfide | 505-60-2 |
| .beta.-Chlorotriethylamine | 100-35-6 |
| .beta.-Diisopropylaminoethanethiol | 5842-07-9 |
| .beta.-Dimethylaminoethyl chloride hydrochloride | 4584-46-7 |
| .beta.-Quinuclidinyl benzilate | 6581-06-2 |
| .beta.-Thiodiglycol | 111-48-8 |
| [R-(R*,R*)] 1-Methylheptyl methylphosphonofluoridate | 22925-96-8 |
| [S-(R*,R*)] 1-Methylheptyl methylphosphonofluoridate | 24753-12-6 |
| 0-1-Methylbutyl propylphosphonofluoridate | (6032-29-7)-P1A1 |
| 1,1,3,3,3-Pentafluoro-2-(trifluoromethyl)-1-propene | 382-21-8 |
| 1,1,3,3,3-Pentafluoro-2-(trifluoromethyl)prop-1-ene | 382-21-8 |
| 1,1,3,3,3-Pentafluoro-2-(trifluoromethyl)propene | 382-21-8 |
| 1,1-Difluoro-2,2-bis(trifluoromethyl)ethene | 382-21-8 |
| 1,2,-Dimethylpropyl S-2-dimethylaminoethyl methylphosphonothiolate | (598-75-4)-M1A3-MM |
| 1,2,2-Trimethylpropoxyfluorophosphine oxide | 96-64-0 |
| 1,2,2-Trimethylpropyl diethylamidocyanidophosphate | (464-07-3)-1A2-EE |
| 1,2,2-Trimethylpropyl diisopropylamidocyanidophosphate | (464-07-3)-1A2-II |
| 1,2,2-Trimethylpropyl dimethylamidocyanidophosphate | (464-07-3)-1A2-MM |
| 1,2,2-Trimethylpropyl dipropylamidocyanidophosphate | (464-07-3)-1A2-PP |
| 1,2,2-Trimethylpropyl ethylphosphonofluoridate | 97931-20-9 |
| 1,2,2-Trimethylpropyl ethylphosphonofluoridoate | 97931-20-9 |
| 1,2,2-Trimethylpropyl isopropyl(propyl)amidocyanidophosphate | (464-07-3)-1A2-IP |
| 1,2,2-Trimethylpropyl isopropylphosphonofluoridate | (464-07-3)-I1A1 |
| 1,2,2-Trimethylpropyl isopropylphosphonofluoridoate | (464-07-3)-I1A1 |
| 1,2,2-Trimethylpropyl methyl-d3-phosphonofluoridate | 104801-09-4 |

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| 1,2,2-Trimethylpropyl methylphosphonochloridoate | 7040-57-5 |
| 1,2,2-Trimethylpropyl methylphosphonofluoridate | 96-64-0 |
| 1,2,2-Trimethylpropyl methylphosphonofluoridoate | 96-64-0 |
| 1,2,2-Trimethylpropyl N,N-diethylphosphoramidocyanidate | (464-07-3)-1A2-EE |
| 1,2,2-Trimethylpropyl N,N-diisopropylphosphoramidocyanidate | (464-07-3)-1A2-II |
| 1,2,2-Trimethylpropyl N,N-dimethylphosphoramidocyanidate | (464-07-3)-1A2-MM |
| 1,2,2-Trimethylpropyl N,N-dipropylphosphoramidocyanidate | (464-07-3)-1A2-PP |
| 1,2,2-Trimethylpropyl N-isopropyl-N-propylphosphoramidocyanidate | (464-07-3)-1A2-IP |
| 1,2,2-Trimethylpropyl propylphosphonofluoridate | (464-07-3)-P1A1 |
| 1,2,2-Trimethylpropyl propylphosphonofluoridoate | (464-07-3)-P1A1 |
| 1,2,2-Trimethylpropyl-d13 methylphosphonofluoridate | 108202-65-9 |
| 1,2,2-Trimethylpropyl-tx methylphosphonofluoridate | 104801-10-7 |
| 1,2-Bis(2-chloroethylthio)ethane | 3563-36-8 |
| 1,2-Dimethylpropyl diisopropylamidocyanidophosphate | (598-75-4)-1A2-II |
| 1,2-Dimethylpropyl ethylphosphonofluoridate | (598-75-4)-E1A1 |
| 1,2-Dimethylpropyl ethylphosphonofluoridoate | (598-75-4)-E1A1 |
| 1,2-Dimethylpropyl isopropylphosphonofluoridate | (598-75-4)-I1A1 |
| 1,2-Dimethylpropyl isopropylphosphonofluoridoate | (598-75-4)-I1A1 |
| 1,2-Dimethylpropyl methylphosphonofluoridate | 6154-51-4 |
| 1,2-Dimethylpropyl methylphosphonofluoridoate | 6154-51-4 |
| 1,2-Dimethylpropyl N,N-diisopropylphosphoramidocyanidate | (598-75-4)-1A2-II |
| 1,2-Dimethylpropyl propylphosphonofluoridate | (598-75-4)-P1A1 |
| 1,2-Dimethylpropyl propylphosphonofluoridoate | (598-75-4)-P1A1 |
| 1,2-Dimethylpropyl S-2-diethylaminoethyl ethylphosphonothiolate | (598-75-4)-E1A3-EE |
| 1,2-Dimethylpropyl S-2-diethylaminoethyl methylphosphonothiolate | (598-75-4)-M1A3-EE |
| 1,2-Dimethylpropyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (598-75-4)-E1A3-II |
| 1,2-Dimethylpropyl S-2-dimethylaminoethyl ethylphosphonothiolate | (598-75-4)-E1A3-MM |
| 1,2-Dimethylpropyl S-2-dipropylaminoethyl ethylphosphonothiolate | (598-75-4)-E1A3-PP |
| 1,2-Dimethylpropyl S-2-dipropylaminoethyl methylphosphonothiolate | (598-75-4)-M1A3-PP |
| 1,3,5,2,4,6-Trioxatriphosphorinane, 2,4,6-tripropyl-, 2,4,6-trioxide | 68957-94-8 |
| 1,3-Bis(2-chloroethylthio)-n-propane | 63905-10-2 |
| 1,3-Bis(2-chloroethylthio)propane | 63905-10-2 |
| 1,3-Bis[(2-chloroethyl)sulfanyl]propane | 63905-10-2 |
| 1,3-Dimethylbutyl diisopropylamidocyanidophosphate | (108-11-2)-1A2-II |
| 1,3-Dimethylbutyl ethylphosphonofluoridate | (108-11-2)-E1A1 |
| 1,3-Dimethylbutyl ethylphosphonofluoridoate | (108-11-2)-E1A1 |
| 1,3-Dimethylbutyl isopropylphosphonofluoridate | (108-11-2)-I1A1 |
| 1,3-Dimethylbutyl isopropylphosphonofluoridoate | (108-11-2)-I1A1 |
| 1,3-Dimethylbutyl methylphosphonofluoridate | 352-53-4 |
| 1,3-Dimethylbutyl methylphosphonofluoridoate | 352-53-4 |
| 1,3-Dimethylbutyl N,N-diisopropylphosphoramidocyanidate | (108-11-2)-1A2-II |
| 1,3-Dimethylbutyl propylphosphonofluoridate | (108-11-2)-P1A1 |
| 1,3-Dimethylbutyl propylphosphonofluoridoate | (108-11-2)-P1A1 |
| 1,4-Bis(2-chloroethylthio)-n-butane | 142868-93-7 |
| 1,4-Bis(2-chloroethylthio)butane | 142868-93-7 |
| 1,4-Bis[(2-chloroethyl)sulfanyl]butane | 142868-93-7 |
| 1,4-Dimethylpentyl methylphosphonofluoridate | 199850-62-9 |
| 1,4-Dimethylpentyl methylphosphonofluoridoate | 199850-62-9 |
| 1,5-Bis(2-chloroethylthio)-n-pentane | 142868-94-8 |
| 1,5-Bis(2-chloroethylthio)pentane | 142868-94-8 |
| 1,5-Bis[(2-chloroethyl)sulfanyl]pentane | 142868-94-8 |
| 1,8-Dichloro-3,6-dithiaoctane | 3563-36-8 |
| 1-(1-Methylethyl)-2-methylpropyl N,N-dipropylphosphoramidocyanidate | (600-36-2)-1A2-PP |
| 1-(1-Methylethyl)-2-methylpropyl N,N-diethylphosphoramidocyanidate | (600-36-2)-1A2-EE |

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| 1-(1-Methylethyl)-2-methylpropyl N,N-diisopropylphosphoramidocyanidate | (600-36-2)-1A2-II |
| 1-(1-Methylethyl)-2-methylpropyl N,N-dimethylphosphoramidocyanidate | (600-36-2)-1A2-MM |
| 1-(1-Methylethyl)-2-methylpropyl N-isopropyl-N-propylphosphoramidocyanidate | (600-36-2)-1A2-IP |
| 1-(2-methylpropyl)-3-methylbutyl ethylphosphonofluoridate | (108-82-7)-E1A1 |
| 1-(2-Methylpropyl)-3-methylbutyl methylphosphonofluoridate | 193090-16-3 |
| 1-(2-Methylpropyl)-isopentyl methylphosphonofluoridate | 193090-16-3 |
| 1-(Diisopropylamino)-2-chloroethane | 96-79-7 |
| 1-(Dimethylamino)-2-mercaptoethane hydrochloride | 13242-44-9 |
| 1-Azabicyclo[2.2.2]oct-3-yl hydroxy(diphenyl)acetate | 6581-06-2 |
| 1-Butanol, 3,3-dimethyl-, methylphosphonofluoridate | 660-21-9 |
| 1-Chloro-2-(.beta.-chloroethylthio)ethane | 505-60-2 |
| 1-Chloro-2-(((2-chloroethyl)sulfanyl)methyl)sulfanyl)ethane | 63869-13-6 |
| 1-Chloro-2-((2-[(2-chloroethyl)sulfanyl]ethyl)sulfanyl)ethane | 3563-36-8 |
| 1-Chloro-2-(diethylamino)ethane hydrochloride | 869-24-9 |
| 1-Chloro-2-(diisopropylamino)ethane | 96-79-7 |
| 1-Chloro-2-(dimethylamino)ethane | 107-99-3 |
| 1-Chloro-2-(dimethylamino)ethane hydrochloride | 4584-46-7 |
| 1-Diethylamino-2-chloroethane | 100-35-6 |
| 1-Dimethylamino-2-chloroethane | 107-99-3 |
| 1-Ethyl-2-methylpropyl ethylphosphonofluoridate | (565-67-3)-E1A1 |
| 1-Ethyl-2-methylpropyl ethylphosphonofluoridoate | (565-67-3)-E1A1 |
| 1-Ethyl-2-methylpropyl isopropylphosphonofluoridate | (565-67-3)-I1A1 |
| 1-Ethyl-2-methylpropyl isopropylphosphonofluoridoate | (565-67-3)-I1A1 |
| 1-Ethyl-2-methylpropyl methylphosphonofluoridate | (565-67-3)-M1A1 |
| 1-Ethyl-2-methylpropyl methylphosphonofluoridoate | (565-67-3)-M1A1 |
| 1-Ethyl-isobutyl ethylphosphonofluoridate | (565-67-3)-E1A1 |
| 1-Ethyl-isobutyl isopropylphosphonofluoridate | (565-67-3)-I1A1 |
| 1-Ethyl-isobutyl methylphosphonofluoridate | (565-67-3)-M1A1 |
| 1-Ethylbutyl diisopropylamidocyanidophosphate | (623-37-0)-1A2-II |
| 1-Ethylbutyl ethylphosphonofluoridate | (623-37-0)-E1A1 |
| 1-Ethylbutyl ethylphosphonofluoridoate | (623-37-0)-E1A1 |
| 1-Ethylbutyl methylphosphonofluoridate | (623-37-0)-M1A1 |
| 1-Ethylbutyl methylphosphonofluoridoate | (623-37-0)-M1A1 |
| 1-Ethylbutyl N,N-diisopropylphosphoramidocyanidate | (623-37-0)-1A2-II |
| 1-Ethylbutyl propylphosphonofluoridate | (623-37-0)-P1A1 |
| 1-Ethylbutyl propylphosphonofluoridoate | (623-37-0)-P1A1 |
| 1-Ethylhexyl diethylamidocyanidophosphate | (20296-29-1)-1A2-EE |
| 1-Ethylhexyl diisopropylamidocyanidophosphate | (20296-29-1)-1A2-II |
| 1-Ethylhexyl dimethylamidocyanidophosphate | (20296-29-1)-1A2-MM |
| 1-Ethylhexyl dipropylamidocyanidophosphate | (20296-29-1)-1A2-PP |
| 1-Ethylhexyl isopropyl(propyl)amidocyanidophosphate | (20296-29-1)-1A2-IP |
| 1-Ethylhexyl methylphosphonofluoridate | (20296-29-1)-M1A1 |
| 1-Ethylhexyl methylphosphonofluoridoate | (20296-29-1)-M1A1 |
| 1-Ethylhexyl N,N-diethylphosphoramidocyanidate | (20296-29-1)-1A2-EE |
| 1-Ethylhexyl N,N-diisopropylphosphoramidocyanidate | (20296-29-1)-1A2-II |
| 1-Ethylhexyl N,N-dimethylphosphoramidocyanidate | (20296-29-1)-1A2-MM |
| 1-Ethylhexyl N,N-dipropylphosphoramidocyanidate | (20296-29-1)-1A2-PP |
| 1-Ethylhexyl N-isopropyl-N-propylphosphoramidocyanidate | (20296-29-1)-1A2-IP |
| 1-Ethylpentyl diisopropylamidocyanidophosphate | (589-82-2)-1A2-II |
| 1-Ethylpentyl methylphosphonofluoridate | (589-82-2)-M1A1 |
| 1-Ethylpentyl N,N-diisopropylphosphoramidocyanidate | (589-82-2)-1A2-II |
| 1-Ethylpropyl ethylphosphonofluoridate | (584-02-1)-E1A1 |
| 1-Ethylpropyl ethylphosphonofluoridoate | (584-02-1)-E1A1 |
| 1-Ethylpropyl isopropylphosphonofluoridate | (584-02-1)-I1A1 |

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| 1-Ethylpropyl isopropylphosphonofluoridoate | (584-02-1)-I1A1 |
| 1-Ethylpropyl methylphosphonofluoridate | 66348-71-8 |
| 1-Ethylpropyl methylphosphonofluoridoate | 66348-71-8 |
| 1-Ethylpropyl propylphosphonofluoridate | (584-02-1)-P1A1 |
| 1-Ethylpropyl propylphosphonofluoridoate | (584-02-1)-P1A1 |
| 1-Ethylpropyl S-2-diethylaminoethyl ethylphosphonothiolate | (584-02-1)-E1A3-EE |
| 1-Ethylpropyl S-2-diethylaminoethyl methylphosphonothiolate | (584-02-1)-M1A3-EE |
| 1-Ethylpropyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (584-02-1)-E1A3-II |
| 1-Ethylpropyl S-2-diisopropylaminoethyl methylphosphonothiolate | (584-02-1)-M1A3-II |
| 1-Ethylpropyl S-2-diisopropylaminoethyl propylphosphonothiolate | (584-02-1)-P1A3-II |
| 1-Ethylpropyl S-2-dimethylaminoethyl ethylphosphonothiolate | (584-02-1)-E1A3-MM |
| 1-Ethylpropyl S-2-dimethylaminoethyl methylphosphonothiolate | (584-02-1)-M1A3-MM |
| 1-Ethylpropyl S-2-dipropylaminoethyl ethylphosphonothiolate | (584-02-1)-E1A3-PP |
| 1-Ethylpropyl S-2-dipropylaminoethyl methylphosphonoth | (584-02-1)-M1A3-PP |
| 1-isobutyl-3-methylbutyl ethylphosphonofluoridate | (108-82-7)-E1A1 |
| 1-Isobutyl-3-methylbutyl ethylphosphonofluoridoate | (108-82-7)-E1A1 |
| 1-Isobutyl-3-methylbutyl methylphosphonofluoridate | 193090-16-3 |
| 1-Isobutyl-3-methylbutyl methylphosphonofluoridoate | 193090-16-3 |
| 1-isobutyl-isopentyl ethylphosphonofluoridate | (108-82-7)-E1A1 |
| 1-Isobutyl-isopentyl methylphosphonofluoridate | 193090-16-3 |
| 1-Isopropyl-2-methylpropyl diethylamidocyanidophosphate | (600-36-2)-1A2-EE |
| 1-Isopropyl-2-methylpropyl diisopropylamidocyanidophosphate | (600-36-2)-1A2-II |
| 1-Isopropyl-2-methylpropyl dimethylamidocyanidophosphate | (600-36-2)-1A2-MM |
| 1-Isopropyl-2-methylpropyl dipropylamidocyanidophosphate | (600-36-2)-1A2-PP |
| 1-Isopropyl-2-methylpropyl isopropyl(propyl)amidocyanidophosphate | (600-36-2)-1A2-IP |
| 1-Isopropyl-isobutyl N,N-diethylphosphoramidocyanidate | (600-36-2)-1A2-EE |
| 1-Isopropyl-isobutyl N,N-diisopropylphosphoramidocyanidate | (600-36-2)-1A2-II |
| 1-Isopropyl-isobutyl N,N-dimethylphosphoramidocyanidate | (600-36-2)-1A2-MM |
| 1-Isopropyl-isobutyl N,N-dipropylphosphoramidocyanidate | (600-36-2)-1A2-PP |
| 1-Isopropyl-isobutyl N-isopropyl-N-propylphosphoramidocyanidate | (600-36-2)-1A2-IP |
| 1-Methyl-2,2-dimethylpropanol | 464-07-3 |
| 1-Methyl-2-propynyl methylphosphonofluoridate | 30593-71-6 |
| 1-Methylbutyl ethylphosphonofluoridate | (6032-29-7)-E1A1 |
| 1-Methylbutyl ethylphosphonofluoridoate | (6032-29-7)-E1A1 |
| 1-Methylbutyl isopropylphosphonofluoridate | (6032-29-7)-I1A1 |
| 1-Methylbutyl isopropylphosphonofluoridoate | (6032-29-7)-I1A1 |
| 1-Methylbutyl methylphosphonofluoridate | 761-93-3 |
| 1-Methylbutyl methylphosphonofluoridoate | 761-93-3 |
| 1-Methylbutyl propylphosphonofluoridate | (6032-29-7)-P1A1 |
| 1-Methylbutyl propylphosphonofluoridoate | (6032-29-7)-P1A1 |
| 1-Methylbutyl S-2-diethylaminoethyl ethylphosphonothiolate | (6032-29-7)-E1A3-EE |
| 1-Methylbutyl S-2-diethylaminoethyl methylphosphonothiolate | (6032-29-7)-M1A3-EE |
| 1-Methylbutyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (6032-29-7)-E1A3-II |
| 1-Methylbutyl S-2-diisopropylaminoethyl methylphosphonothiolate | (6032-29-7)-M1A3-II |
| 1-Methylbutyl S-2-dimethylaminoethyl ethylphosphonothiolate | (137-32-6)-E1A3-MM |
| 1-Methylbutyl S-2-dimethylaminoethyl methylphosphonothiolate | (6032-29-7)-E1A3-MM |
| 1-Methylbutyl S-2-dimethylaminoethyl ethylphosphonothiolate | (6032-29-7)-M1A3-MM |
| 1-Methylbutyl S-2-dipropylaminoethyl ethylphosphonothiolate | (6032-29-7)-E1A3-PP |
| 1-Methylbutyl S-2-dipropylaminoethyl methylphosphonothiolate | (6032-29-7)-M1A3-PP |
| 1-Methylcyclohexyl N,N-diisopropylphosphoramidocyanidate | (590-67-0)-1A2-II |
| 1-Methylethyl methylphosphonofluoridate | 107-44-8 |
| 1-Methylheptyl diisopropylamidocyanidophosphate | (123-96-6)-1A2-II |
| 1-Methylheptyl methylphosphonofluoridate | 22925-97-9 |
| 1-Methylheptyl methylphosphonofluoridoate | 22925-97-9 |

| <i>Name</i> | <i>Key/CAS</i> |
|--|-----------------------|
| 1-Methylheptyl N,N-diisopropylphosphoramidocyanidate | (123-96-6)-1A2-II |
| 1-Methylpentyl ethylphosphonofluoridate | (626-93-7)-E1A1 |
| 1-Methylpentyl ethylphosphonofluoridoate | (626-93-7)-E1A1 |
| 1-Methylpentyl isopropylphosphonofluoridate | (626-93-7)-I1A1 |
| 1-Methylpentyl isopropylphosphonofluoridoate | (626-93-7)-I1A1 |
| 1-Methylpentyl methylphosphonofluoridate | 13172-12-8 |
| 1-Methylpentyl methylphosphonofluoridoate | 13172-12-8 |
| 1-Methylpentyl propylphosphonofluoridate | (626-93-7)-P1A1 |
| 1-Methylpentyl propylphosphonofluoridoate | (626-93-7)-P1A1 |
| 1-Methylprop-2-ynyl methylphosphonofluoridate | 30593-71-6 |
| 1-Methylprop-2-ynyl methylphosphonofluoridoate | 30593-71-6 |
| 1-Methylpropyl methylphosphonofluoridate | 352-52-3 |
| 1-Methylpropyl propylphosphonofluoridate | (78-92-2)-P1A1 |
| 1-Propanamine, N-(2-chloroethyl)-N-propyl- | 36716-60-6 |
| 1-Propanephosphonic acid | 4672-38-2 |
| 1-Propanephosphonic acid cyclic anhydride | 68957-94-8 |
| 1-Propanephosphonic acid cyclic anhydride, 50% in ethyl acetate | 68957-94-8 |
| 1-Propanephosphonyl chloride | 4708-04-7 |
| 1-Propanol, 1,2,2-trimethyl-, methylphosphonate (2:1) | 7040-58-6 |
| 1-Propanol, 2,2-dimethyl, methylphosphonofluoridate | 372-62-3 |
| 1-Propene, 1,1,3,3,3-pentafluoro-2-(trifluoromethyl)- | 382-21-8 |
| 1-Propylphosphonic acid | 4672-38-2 |
| 1H,10H-Pyrrolo[1,2-c]purine-10,10-diol, 2,6-diamino-4-[[aminocarbonyl]oxy]methyl]-3a,4,8,9-tetrahydro-, (3aS,4R,10aS)- | 35523-89-8 |
| 2,2',2''-Nitrilotriethanol | 102-71-6 |
| 2,2',2''-Nitrilotris[ethanol] | 102-71-6 |
| 2,2',2''-Trichlorotriethylamine | 555-77-1 |
| 2,2'-(Ethylimino)diethanol | 139-87-7 |
| 2,2'-(Methylimino)diethanol | 105-59-9 |
| 2,2'-Dichloro-N-methyldiethylamine | 51-75-2 |
| 2,2'-Dichlorodiethyl sulfide | 505-60-2 |
| 2,2'-Dichloroethyl sulfide | 505-60-2 |
| 2,2'-Thiobisethanol | 111-48-8 |
| 2,2'-Thiodiethanol | 111-48-8 |
| 2,2'-Thiodiglycol | 111-48-8 |
| 2,2-Dimethyl-3-butanol | 464-07-3 |
| 2,2-Dimethylbut-3-yl ethylphosphonofluoridate | 97931-20-9 |
| 2,2-Dimethylbut-3-yl isopropylphosphonofluoridate | (464-07-3)-I1A1 |
| 2,2-Dimethylbut-3-yl methylphosphonofluoridate | 96-64-0 |
| 2,2-Dimethylbut-3-yl propylphosphonofluoridate | (464-07-3)-P1A1 |
| 2,2-Dimethylbuty-3-yl methyl-d3-phosphonofluoridate | 104801-09-4 |
| 2,2-Dimethylbuty-3-yl-d13 methylphosphonofluoridate | 108202-65-9 |
| 2,2-Dimethylcyclohexyl methylphosphonofluoridate | (69542-91-2)-M1A1 |
| 2,2-Dimethylcyclohexyl methylphosphonofluoridoate | (69542-91-2)-M1A1 |
| 2,2-Dimethylpropyl ethylphosphonofluoridate | (75-84-3)-E1A1 |
| 2,2-Dimethylpropyl isopropylphosphonofluoridate | (75-84-3)-I1A1 |
| 2,2-Dimethylpropyl methylphosphonofluoridate | 372-62-3 |
| 2,2-Dimethylpropyl N,N-diisopropylphosphoramidocyanidate | (75-84-3)-1A2-II |
| 2,2-Dimethylpropyl N-isopropyl-N-propylphosphoramidocyanidate | (75-84-3)-1A2-IP |
| 2,2-Dimethylpropyl propylphosphonofluoridate | (75-84-3)-P1A1 |
| 2,2-Dimethylpropyl S-2-diethylaminoethyl ethylphosphonothiolate | (75-84-3)-E1A3-EE |
| 2,2-Dimethylpropyl S-2-diethylaminoethyl methylphosphonothiolat | (75-84-3)-M1A3-EE |
| 2,2-Dimethylpropyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (75-84-3)-E1A3-II |
| 2,2-Dimethylpropyl S-2-diisopropylaminoethyl methylphosphonothiolate, (-) | (75-84-3)-M1A3-II-(-) |

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| 2,2-Dimethylpropyl S-2-dimethylaminoethyl ethylphosphonothiolate | (75-84-3)-E1A3-MM |
| 2,2-Dimethylpropyl S-2-dimethylaminoethyl methylphosphonothiolate | (75-84-3)-M1A3-MM |
| 2,2-Dimethylpropyl S-2-dipropylaminoethyl ethylphosphonothiolate | (75-84-3)-E1A3-PP |
| 2,2-Dimethylpropyl S-2-dipropylaminoethyl methylphosphonothiolate | (75-84-3)-M1A3-PP |
| 2,2-Diphenyl-2-hydroxyacetic acid | 76-93-7 |
| 2,3-dimethylbuty methylphosphonofluoridate | 83563-66-0 |
| 2,3-dimethylbutyl methylphosphonofluoridate | 83563-66-0 |
| 2,3-Dimethylbutyl methylphosphonofluoridoate | 83563-66-0 |
| 2,4,6-Tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide | 68957-94-8 |
| 2,5-Dimethylcyclohexyl methylphosphonofluoridate | (3809-32-3)-M1A1 |
| 2,5-Dimethylcyclohexyl methylphosphonofluoridoate | (3809-32-3)-M1A1 |
| 2,6-Dimethylcyclohexyl diethylamidocyanidophosphate | (5337-72-4)-1A2-EE |
| 2,6-Dimethylcyclohexyl diisopropylamidocyanidophosphate | (5337-72-4)-1A2-II |
| 2,6-Dimethylcyclohexyl dimethylamidocyanidophosphate | (5337-72-4)-1A2-MM |
| 2,6-Dimethylcyclohexyl dipropylamidocyanidophosphate | (5337-72-4)-1A2-PP |
| 2,6-Dimethylcyclohexyl isopropyl(propyl)amidocyanidophosphate | (5337-72-4)-1A2-IP |
| 2,6-Dimethylcyclohexyl N,N-diethylphosphoramidocyanidate | (5337-72-4)-1A2-EE |
| 2,6-Dimethylcyclohexyl N,N-diisopropylphosphoramidocyanidate | (5337-72-4)-1A2-II |
| 2,6-Dimethylcyclohexyl N,N-dimethylphosphoramidocyanidate | (5337-72-4)-1A2-MM |
| 2,6-Dimethylcyclohexyl N,N-dipropylphosphoramidocyanidate | (5337-72-4)-1A2-PP |
| 2,6-Dimethylcyclohexyl N-isopropyl-N-propylphosphoramidocyanidate | (5337-72-4)-1A2-IP |
| 2,6-Dimethylhept-3-yl methylphosphonofluoridate | 193090-16-3 |
| 2,6-Dimethylhept-4-yl ethylphosphonofluoridate | (108-82-7)-E1A1 |
| 2-(Diethylamino)-1-chloroethane | 100-35-6 |
| 2-(Diethylamino)chloroethane | 100-35-6 |
| 2-(Diethylamino)ethanethiol | 100-38-9 |
| 2-(Diethylamino)ethanethiol hydrochloride | 1942-52-5 |
| 2-(Diethylamino)ethyl chloride | 100-35-6 |
| 2-(Diethylamino)ethyl chloride hydrochloric acid salt | 869-24-9 |
| 2-(Diethylamino)ethyl chloride hydrochloride | 869-24-9 |
| 2-(diethylamino)ethyl hydrosulfide | 100-38-9 |
| 2-(Diethylamino)ethyl mercaptan | 100-38-9 |
| 2-(Diethylamino)ethylmercaptan hydrochloride | 1942-52-5 |
| 2-(Diisopropylamino)ethanethiol | 5842-07-9 |
| 2-(Diisopropylamino)ethanethiol hydrochloride | 41480-75-5 |
| 2-(Diisopropylamino)ethanol | 96-80-0 |
| 2-(Diisopropylamino)ethyl alcohol | 96-80-0 |
| 2-(Diisopropylamino)ethyl chloride | 96-79-7 |
| 2-(Diisopropylamino)ethyl chloride hydrochloride | 4261-68-1 |
| 2-(Diisopropylamino)ethyl ethyl methylphosphonite | 57856-11-8 |
| 2-(Dimethylamino)-1-chloroethane | 107-99-3 |
| 2-(Dimethylamino)chloroethane hydrochloride | 4584-46-7 |
| 2-(Dimethylamino)ethanethiol | 108-02-1 |
| 2-(Dimethylamino)ethanethiol hydrochloride | 13242-44-9 |
| 2-(Dimethylamino)ethyl chloride | 107-99-3 |
| 2-(Dimethylamino)ethyl chloride hydrochloride | 4584-46-7 |
| 2-(Dipropylamino)ethanethiol | 5842-06-8 |
| 2-(Dipropylamino)ethanol | 3238-75-3 |
| 2-(Dipropylamino)ethyl chloride | 36716-60-6 |
| 2-(N,N-Diethylamino)ethyl chloride | 100-35-6 |
| 2-(N,N-Diethylamino)ethyl chloride hydrochloride | 869-24-9 |
| 2-(N,N-Diisopropylamino)ethyl chloride | 96-79-7 |
| 2-(N,N-Dimethylamino)ethyl chloride hydrochloride | 4584-46-7 |
| 2-(N,N-Dipropylamino)ethyl chloride | 36716-60-6 |

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|--|-----------------------|
| 2-[[Ethoxy(ethyl)phosphoryl]sulfanyl]-N,N,N-triethylethanaminium iodide | (64-17-5)-E1A3-EEE(I) |
| 2-[[Ethoxy(ethyl)phosphoryl]sulfanyl]-N,N,N-triethylethanaminium iodide | (64-17-5)-E1A3-EMM(I) |
| 2-[[Ethoxy(ethyl)phosphoryl]sulfanyl]-N,N,N-trimethylethanaminium iodide | (64-17-5)-E1A3-MMM(I) |
| 2-[[Ethoxy(ethyl)phosphoryl]sulfanyl]-N,N-diethyl-N-methylethanaminium iodide | (64-17-5)-E1A3-EEM(I) |
| 2-[[Ethoxy(isopropyl)phosphoryl]sulfanyl]-N,N,N-trimethylethanaminium iodide | (64-17-5)-I1A3-MMM(I) |
| 2-[[Ethoxy(methyl)phosphoryl]sulfanyl]-N, | (64-17-5)-M1A3-EEE(I) |
| 2-[[Ethoxy(methyl)phosphoryl]sulfanyl]-N,N,N-triethylethanaminium iodide | (64-17-5)-M1A3-EEE(I) |
| 2-[[Ethoxy(methyl)phosphoryl]sulfanyl]-N,N-diethyl-N-methylethanaminium iodide | (64-17-5)-M1A3-EEM(I) |
| 2-[[Ethoxy(methyl)phosphoryl]sulfanyl]-N-ethyl-N,N-dimethylethanaminium iodide | (64-17-5)-M1A3-EMM(I) |
| 2-[[Ethoxy(methyl)phosphoryl]sulfanyl]-N-isopropyl-N,N-dimethylethanaminium iodide | (64-17-5)-M1A3-MMI(I) |
| 2-[[Ethyl(isopropoxy)phosphoryl]sulfanyl]-N,N,N-trimethylethanaminium iodide | (67-63-0)-E1A3-MMM(I) |
| 2-[[Isopropoxy(methyl)phosphoryl]sulfanyl]-N,N,N-trimethylethanaminium iodide | 1866-98-4 |
| 2-[[Methoxy(methyl)phosphoryl]sulfanyl]-N,N,N-trimethylethanaminium iodide | (67-56-1)-M1A3-MMM(I) |
| 2-Butanol, 3,3-dimethyl- | 464-07-3 |
| 2-Butanol, 3,3-dimethyl-, methylphosphonate (2:1) | 7040-58-6 |
| 2-Butanol, 3,3-dimethyl-, methylphosphonochloridate | 7040-57-5 |
| 2-Butanol, 3-methyl-, methylphosphonofluoridate | 6154-51-4 |
| 2-Chloro-1',1"-dimethyltriethylamine | 96-79-7 |
| 2-Chloro-1-(dimethylamino)ethane | 107-99-3 |
| 2-Chloro-N,N-bis(2-chloroethyl)ethanamine | 555-77-1 |
| 2-Chloro-N,N-bis(2-chloroethyl)ethanaminium chloride | 817-09-4 |
| 2-Chloro-N,N-diethylethanamine | 100-35-6 |
| 2-Chloro-N,N-diethylethylamine hydrochloride | 869-24-9 |
| 2-Chloro-N,N-diisopropylethylamine | 96-79-7 |
| 2-Chloro-N,N-dimethylethanamine | 107-99-3 |
| 2-Chloro-N,N-dimethylethanamine hydrochloride | 4584-46-7 |
| 2-Chloro-N,N-dimethylethanaminium chloride | 4584-46-7 |
| 2-Chloro-N,N-dimethylethanaminium chloride | 869-24-9 |
| 2-Chloro-N,N-dimethylethylamine | 107-99-3 |
| 2-Chloro-N,N-dimethylethylamine hydrochloride | 4584-46-7 |
| 2-Chloro-N-(2-chloroethyl)-N-ethylethanamine | 538-07-8 |
| 2-Chloro-N-(2-chloroethyl)-N-ethylethanaminium chloride | 3590-07-6 |
| 2-Chloro-N-(2-chloroethyl)-N-methylethanamine | 51-75-2 |
| 2-Chloro-N-(2-chloroethyl)-N-methylethanaminium chloride | 55-86-7 |
| 2-Chloroethyl chloromethyl sulfide | 2625-76-5 |
| 2-Chloroethyl dimethyl ammonium chloride | 4584-46-7 |
| 2-Chloroethyl-N,N-diethylamine | 100-35-6 |
| 2-Chloroethyl-N,N-diethylamine hydrochloride | 869-24-9 |
| 2-Chloroethyl-N,N-diisopropylamine | 96-79-7 |
| 2-Chloroethylchloromethylsulfide | 2625-76-5 |
| 2-Chloroethyldiethylammonium chloride | 869-24-9 |
| 2-Chloroethyldimethylamine monohydrochloride | 4584-46-7 |
| 2-Chlorotriethylamine | 100-35-6 |
| 2-Chlorotriethylamine hydrochloride | 869-24-9 |
| 2-Chlorovinylchloroarsine | 541-25-3 |
| 2-Cyclohexylethyl ethylphosphonofluoridate | (4442-79-9)-E1A1 |
| 2-Cyclohexylethyl methylphosphonofluoridate | (4442-79-9)-M1A1 |
| 2-Cyclopentylethyl methylphosphonofluoridate | (766-00-7)-M1A1 |
| 2-Cyclopentylethyl methylphosphonofluoridate | (766-00-7)-M1A1 |
| 2-diisopropylaminoethanol | 96-80-0 |
| 2-Ethylbutyl ethylphosphonofluoridate | (97-95-0)-E1A1 |
| 2-Ethylbutyl ethylphosphonofluoridate | (97-95-0)-E1A1 |
| 2-Ethylbutyl isopropylphosphonofluoridate | (97-95-0)-I1A1 |
| 2-Ethylbutyl isopropylphosphonofluoridate | (97-95-0)-I1A1 |

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| 2-Ethylbutyl methylphosphonofluoridate | 126204-48-6 |
| 2-Ethylbutyl methylphosphonofluoridoate | 126204-48-6 |
| 2-Ethylbutyl propylphosphonofluoridate | (97-95-0)-P1A1 |
| 2-Ethylbutyl propylphosphonofluoridoate | (97-95-0)-P1A1 |
| 2-Ethylcyclohexyl methylphosphonofluoridoate | (3760-20-1)-M1A1 |
| 2-Ethylhexyl ethylphosphonofluoridate | (104-76-7)-E1A1 |
| 2-Ethylhexyl hydrogen methylphosphonate | 13688-82-9 |
| 2-Ethylhexyl methylphosphonofluoridate | 458-71-9 |
| 2-Ethylhexyl methylphosphonofluoridoate | 458-71-9 |
| 2-Ethylpropyl propylphosphonofluoridate | (78-83-1)-P1A1 |
| 2-Hexanol, methylphosphonofluoridate | 13172-12-8 |
| 2-Hydroxy-2,2-diphenylacetic acid | 76-93-7 |
| 2-Isopropyl-5-methylcyclohexyl methylphosphonofluoridate | (89-78-1)-M1A1 |
| 2-Mercapto-N,N-dimethylaminoethane | 108-02-1 |
| 2-Methylbutyl ethylphosphonofluoridate | (137-32-6)-E1A1 |
| 2-Methylbutyl ethylphosphonofluoridoate | (137-32-6)-E1A1 |
| 2-Methylbutyl isopropylphosphonofluoridate | (137-32-6)-I1A1 |
| 2-Methylbutyl isopropylphosphonofluoridoate | (137-32-6)-I1A1 |
| 2-Methylbutyl methylphosphonofluoridate | (137-32-6)-M1A1 |
| 2-Methylbutyl methylphosphonofluoridoate | (137-32-6)-M1A1 |
| 2-Methylbutyl propylphosphonofluoridate | (137-32-6)-P1A1 |
| 2-Methylbutyl propylphosphonofluoridoate | (137-32-6)-P1A1 |
| 2-Methylbutyl S-2-diethylaminoethyl ethylphosphonothiolate | (137-32-6)-E1A3-EE |
| 2-Methylbutyl S-2-diethylaminoethyl methylphosphonothiolate | (137-32-6)-M1A3-EE |
| 2-Methylbutyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (137-32-6)-E1A3-II |
| 2-Methylbutyl S-2-diisopropylaminoethyl methylphosphonothiolate | (137-32-6)-M1A3-II |
| 2-Methylbutyl S-2-dimethylaminoethyl methylphosphonothiolate | (137-32-6)-M1A3-MM |
| 2-Methylbutyl S-2-dipropylaminoethyl ethylphosphonothiolate | (137-32-6)-E1A3-PP |
| 2-Methylbutyl S-2-dipropylaminoethyl methylphosphonothiolate | (137-32-6)-M1A3-PP |
| 2-Methylcyclohexyl diisopropylamidocyanidophosphate | (590-67-0)-1A2-II |
| 2-Methylcyclohexyl ethylphosphonofluoridoate | (583-59-5)-E1A1 |
| 2-Methylcyclohexyl isopropylphosphonofluoridoate | (583-59-5)-I1A1 |
| 2-Methylcyclohexyl methylphosphonofluoridate | 85473-32-1 |
| 2-Methylcyclohexyl methylphosphonofluoridoate | 85473-32-1 |
| 2-Methylcyclohexyl propylphosphonofluoridate | (583-59-5)-P1A1 |
| 2-Methylcyclohexyl propylphosphonofluoridoate | (583-59-5)-P1A1 |
| 2-Methylpent-3-yl ethylphosphonofluoridate | (565-67-3)-E1A1 |
| 2-Methylpent-3-yl isopropylphosphonofluoridate | (565-67-3)-I1A1 |
| 2-Methylpent-3-yl methylphosphonofluoridate | (565-67-3)-M1A1 |
| 2-Methylpentyl ethylphosphonofluoridate | (105-30-6)-E1A1 |
| 2-Methylpentyl ethylphosphonofluoridoate | (105-30-6)-E1A1 |
| 2-Methylpentyl isopropylphosphonofluoridate | (105-30-6)-I1A1 |
| 2-Methylpentyl isopropylphosphonofluoridoate | (105-30-6)-I1A1 |
| 2-Methylpentyl methylphosphonofluoridate | (105-30-6)-M1A1 |
| 2-Methylpentyl methylphosphonofluoridoate | (105-30-6)-M1A1 |
| 2-Methylpentyl propylphosphonofluoridate | (105-30-6)-P1A1 |
| 2-Methylpentyl propylphosphonofluoridoate | (105-30-6)-P1A1 |
| 2-Methylpropyl ethylphosphonofluoridate | 2261-83-8 |
| 2-Methylpropyl isopropylphosphonofluoridate | (78-83-1)-I1A1 |
| 2-Methylpropyl methylphosphonofluoridate | 2053-81-8 |
| 2-N,N-(Diethylamino)ethanethiol | 100-38-9 |
| 2-N,N-Diethylaminoethanethiol | 100-38-9 |
| 2-N,N-Diethylaminoethanethiol hydrochloride | 1942-52-5 |
| 2-N,N-Diethylaminoethyl chloride | 100-35-6 |

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| 2-N,N-Diethylaminoethyl chloride | 2B10-EE |
| 2-N,N-Diethylaminoethyl chloride hydrochloride | 869-24-9 |
| 2-N,N-Diisopropylaminoethanethiol | 5842-07-9 |
| 2-N,N-Diisopropylaminoethanethiol hydrochloride | 41480-75-5 |
| 2-N,N-Diisopropylaminoethanol | 96-80-0 |
| 2-N,N-Diisopropylaminoethyl chloride | 96-79-7 |
| 2-N,N-Diisopropylaminoethyl chloride hydrochloride | 4261-68-1 |
| 2-N,N-Dimethylaminoethanethiol | 108-02-1 |
| 2-N,N-Dimethylaminoethanethiol hydrochloride | 13242-44-9 |
| 2-N,N-Dimethylaminoethyl chloride | 107-99-3 |
| 2-N,N-Dimethylaminoethyl chloride | 2B10-MM |
| 2-N,N-Dimethylaminoethyl chloride hydrochloride | 4584-46-7 |
| 2-N,N-Dipropylaminoethanethiol | 5842-06-8 |
| 2-N,N-Dipropylaminoethanol | 3238-75-3 |
| 2-N,N-Dipropylaminoethyl chloride | 36716-60-6 |
| 2-Octanol, methylphosphonofluoridate, (R,R)- | 22925-96-8 |
| 2-Octanol, methylphosphonofluoridate, (S,S)- | 24753-12-6 |
| 2-Pentanol, 4-methyl-, methylphosphonofluoridate | 352-53-4 |
| 2-Pentanol, methylphosphonofluoridate | 761-93-3 |
| 2-Propanamine, N-(2-chloroethyl)-N-(1-methylethyl)- | 96-79-7 |
| 2-Propanamine, N-(2-chloroethyl)-N-(1-methylethyl)-, hydrochloride | 4261-68-1 |
| 2-Propanephosphonyl chloride | 1498-46-0 |
| 2-tert-butylcyclohexyl ethylphosphonofluoridate | (13491-79-7)-E1A1 |
| 3,3-Dimethyl-2-butanol | 464-07-3 |
| 3,3-Dimethylbutan-2-ol | 464-07-3 |
| 3,3-Dimethylbutyl ethylphosphonofluoridate | (624-95-3)-E1A1 |
| 3,3-Dimethylbutyl ethylphosphonofluoridoate | (624-95-3)-E1A1 |
| 3,3-Dimethylbutyl isopropylphosphonofluoridate | (624-95-3)-I1A1 |
| 3,3-Dimethylbutyl isopropylphosphonofluoridoate | (624-95-3)-I1A1 |
| 3,3-Dimethylbutyl methylphosphonofluoridate | 660-21-9 |
| 3,3-Dimethylbutyl methylphosphonofluoridoate | 660-21-9 |
| 3,3-Dimethylbutyl propylphosphonofluoridate | (624-95-3)-P1A1 |
| 3,3-Dimethylbutyl propylphosphonofluoridoate | (624-95-3)-P1A1 |
| 3,3-Dimethylbutyl S-2-dimethylaminoethyl methylphosphonothiolate | (624-95-3)-M1A3-MM |
| 3,5,5-Trimethylhexyl ethylphosphonofluoridoate | (3452-97-9)-E1A1 |
| 3,5,5-Trimethylhexyl methylphosphonofluoridoate | (3452-97-9)-M1A1 |
| 3,5,5-trimethylhexyl S-2(dimethylamino) ethyl propylphosphonothiolate | (3452-97-9)-P1A3-MM |
| 3,5,5-trimethylhexyl S-2(dimethylamino) ethyl propylphosphonothiolate | |
| 3,5,5-trimethylhexyl S-2(dimethylamino) ethyl propylphosphonothiolate | |
| 3,5-Dimethylcyclohexyl methylphosphonofluoridoate | (5441-52-1)-M1A1 |
| 3,6-Dithia-1,8-octanedichloride | 3563-36-8 |
| 3,7-Dimethyloctyl methylphosphonofluoridate | (106-21-8)-M1A1 |
| 3-Hydroxyquinuclidine | 1619-34-7 |
| 3-Hydroxyquinuclidine benzilate | 6581-06-2 |
| 3-Methylbutyl ethylphosphonofluoridate | (123-51-3)-E1A1 |
| 3-Methylbut-2-yl ethylphosphonofluoridate | (598-75-4)-E1A1 |
| 3-Methylbut-2-yl isopropylphosphonofluoridate | (598-75-4)-I1A1 |
| 3-Methylbut-2-yl methylphosphonofluoridate | 6154-51-4 |
| 3-Methylbut-2-yl propylphosphonofluoridate | (598-75-4)-P1A1 |
| 3-Methylbutyl isopropylphosphonofluoridate | (123-51-3)-I1A1 |
| 3-Methylbutyl methylphosphonofluoridate | (123-51-3)-M1A1 |
| 3-Methylbutyl methylphosphonofluoridoate | 22107-46-6 |
| 3-Methylbutyl propylphosphonofluoridate | (123-51-3)-P1A1 |
| 3-Methylpentyl ethylphosphonofluoridate | (589-35-5)-E1A1 |

| <i>Name</i> | <i>Key/CAS</i> |
|--|-----------------|
| 3-Methylpentyl ethylphosphonofluoridoate | (589-35-5)-E1A1 |
| 3-Methylpentyl isopropylphosphonofluoridoate | (589-35-5)-I1A1 |
| 3-Methylpentyl isopropylphosphonofluoridoate | (589-35-5)-I1A1 |
| 3-Methylpentyl methylphosphonofluoridoate | 199850-60-7 |
| 3-Methylpentyl methylphosphonofluoridoate | 199850-60-7 |
| 3-methylpentyl propylphosphonofluoridoate | (589-35-5)-P1A1 |
| 3-methylpentyl propylphosphonofluoridoate | (589-35-5)-P1A1 |
| 3-Oxyquinuclidine benzilate | 6581-06-2 |
| 3-Quinuclidinol | 1619-34-7 |
| 3-Quinuclidinol benzilate | 6581-06-2 |
| 3-Quinuclidinol, benzilate (ester) | 6581-06-2 |
| 3-Quinuclidinyl benzilate | 6581-06-2 |
| 3-Quinuclidyl benzilate | 6581-06-2 |
| 3-Thiapentane-1,5-diol | 111-48-8 |
| 4-Methylcyclohexyl methylphosphonofluoridoate | 113548-87-1 |
| 4-Methylcyclohexyl methylphosphonofluoridoate | 113548-87-1 |
| 4-Methylpent-2-yl ethylphosphonofluoridoate | (108-11-2)-E1A1 |
| 4-Methylpent-2-yl isopropylphosphonofluoridoate | (108-11-2)-I1A1 |
| 4-Methylpent-2-yl methylphosphonofluoridoate | 352-53-4 |
| 4-Methylpent-2-yl propylphosphonofluoridoate | (108-11-2)-P1A1 |
| 4-Methylpentyl ethylphosphonofluoridoate | (626-89-1)-E1A1 |
| 4-Methylpentyl ethylphosphonofluoridoate | (626-89-1)-E1A1 |
| 4-Methylpentyl isopropylphosphonofluoridoate | (626-89-1)-I1A1 |
| 4-Methylpentyl isopropylphosphonofluoridoate | (626-89-1)-I1A1 |
| 4-Methylpentyl methylphosphonofluoridoate | (626-89-1)-M1A1 |
| 4-Methylpentyl methylphosphonofluoridoate | (626-89-1)-M1A1 |
| 4-Methylpentyl propylphosphonofluoridoate | (626-89-1)-P1A1 |
| 4-Methylpentyl propylphosphonofluoridoate | (626-89-1)-P1A1 |
| 5-Methylhex-2-yl methylphosphonofluoridoate | 199850-62-9 |
| A 4 | 50782-69-9 |
| Acquinite | 76-06-2 |
| Agent HD | 505-60-2 |
| Agent Q | 3563-36-8 |
| Agent T | 63918-89-8 |
| Alkanolamine 244 | 102-71-6 |
| Amgard V 490 | 78-38-6 |
| Amiton | 78-53-5 |
| Ammonium, (2-mercaptoethyl)trimethyl-, iodide, isopropyl methylphosphonate, (R)-(-) | 26348-71-0 |
| Ammonium, (2-mercaptoethyl)trimethyl-, iodide, S-ester with O-isopropyl methylphosphonothioate | 1866-98-4 |
| Arsenic chloride (AsCl ₃) | 7784-34-1 |
| Arsenic trichloride | 7784-34-1 |
| Arsenic(3+) chloride | 7784-34-1 |
| Arsenic(III) chloride | 7784-34-1 |
| Arsenous chloride | 7784-34-1 |
| Arsenous trichloride | 7784-34-1 |
| Arsine, chlorobis(2-chlorovinyl)- | 40334-69-8 |
| Arsine, dichloro(2-chlorovinyl)- | 541-25-3 |
| Arsine, tris(2-chloroethenyl)- | 40334-70-1 |
| Arsinous chloride, bis(2-chloroethenyl)- | 40334-69-8 |
| Arsonous dichloride, (2-chloroethenyl)- | 541-25-3 |
| Arsonous dichloride, [(1Z)-2-chloroethenyl]- | 34461-56-8 |
| Benzeneacetic acid, .alpha.-hydroxy-.alpha.-phenyl- | 76-93-7 |

| <i>Name</i> | <i>Key/CAS</i> |
|--|------------------|
| Benzeneacetic acid, .alpha.-hydroxy-.alpha.-phenyl-, 1-azabicyclo[2.2.2]oct-3-yl ester | 6581-06-2 |
| Benzilic acid | 76-93-7 |
| Benzilic acid, 3-quinuclidinyl ester | 6581-06-2 |
| Bis(.beta.-chloroethyl) sulfide | 505-60-2 |
| Bis(.beta.-chloroethyl)methylamine | 51-75-2 |
| Bis(.beta.-hydroxyethyl) sulfide | 111-48-8 |
| Bis(1,2,2-trimethylpropyl) methylphosphonate | 7040-58-6 |
| Bis(2-chloroethyl) sulfide | 505-60-2 |
| Bis(2-chloroethyl)ethylamine | 538-07-8 |
| Bis(2-chloroethyl)ethylamine hydrochloride | 3590-07-6 |
| Bis(2-chloroethyl)methylamine | 51-75-2 |
| Bis(2-chloroethyl)methylamine hydrochloride | 55-86-7 |
| Bis(2-chloroethyl)sulfide | 505-60-2 |
| Bis(2-chloroethyl)sulfide-35S | 6755-76-6 |
| Bis(2-chloroethyl-d4)sulfide | 176327-97-2 |
| Bis(2-chloroethylthio)ethane | 3563-36-8 |
| Bis(2-chloroethylthio)methane | 63869-13-6 |
| Bis(2-chloroethylthioethyl) ether | 63918-89-8 |
| Bis(2-chloroethylthioethyl)ether | 63918-89-8 |
| Bis(2-chloroethylthiomethyl) ether | 63918-90-1 |
| Bis(2-chloroethylthiomethyl)ether | 63918-90-1 |
| Bis(2-chlorovinyl)chloroarsine | 40334-69-8 |
| Bis(2-hydroxyethyl) sulfide | 111-48-8 |
| Bis(2-hydroxyethyl) thioether | 111-48-8 |
| Bis(2-hydroxyethyl)sulfide | 111-48-8 |
| Bis{[(2-chloroethyl)sulfanyl]methyl} ether | 63918-90-1 |
| Bis{2-[(2-chloroethyl)sulfanyl]ethyl} ether | 63918-89-8 |
| But-2-yl ethylphosphonofluoridate | 162085-83-8 |
| But-2-yl isopropylphosphonofluoridate | (78-92-2)-11A1 |
| But-2-yl methylphosphonofluoridate | 352-52-3 |
| Butane, 1,4-bis[(2-chloroethyl)thio]- | 142868-93-7 |
| Butyl diethylamidocyanidophosphate | (71-36-3)-1A2-EE |
| Butyl diisopropylamidocyanidophosphate | (71-36-3)-1A2-II |
| Butyl dimethylamidocyanidophosphate | 162085-87-2 |
| Butyl dipropylamidocyanidophosphate | (71-36-3)-1A2-PP |
| Butyl ethyl(isopropyl)amidocyanidophosphate | (71-36-3)-1A2-EI |
| Butyl ethyl(methyl)amidocyanidophosphate | (71-36-3)-1A2-EM |
| Butyl ethyl(propyl)amidocyanidophosphate | (71-36-3)-1A2-EP |
| Butyl ethylphosphonofluoridate | 18358-34-4 |
| Butyl ethylphosphonofluoridoate | 18358-34-4 |
| Butyl isopropyl(methyl)amidocyanidophosphate | (71-36-3)-1A2-IM |
| Butyl isopropyl(propyl)amidocyanidophosphate | (71-36-3)-1A2-IP |
| Butyl isopropylphosphonofluoridate | (71-36-3)-11A1 |
| Butyl isopropylphosphonofluoridoate | (71-36-3)-11A1 |
| Butyl methanephosphinate | 6172-80-1 |
| Butyl methanephosphinite | 6172-80-1 |
| Butyl methyl(propyl)amidocyanidophosphate | (71-36-3)-1A2-MP |
| Butyl methylphosphinate | 6172-80-1 |
| Butyl methylphosphonofluoridate | 352-63-6 |
| Butyl methylphosphonofluoridoate | 352-63-6 |
| Butyl N,N-diethylphosphoramidocyanidate | (71-36-3)-1A2-EE |
| Butyl N,N-diisopropylphosphoramidocyanidate | (71-36-3)-1A2-II |
| Butyl N,N-dimethylphosphoramidocyanidate | 162085-87-2 |
| Butyl N,N-dipropylphosphoramidocyanidate | (71-36-3)-1A2-PP |

| <i>Name</i> | <i>Key/CAS</i> |
|--|-------------------|
| Butyl N-ethyl-N-isopropylphosphoramidocyanidate | (71-36-3)-1A2-EI |
| Butyl N-ethyl-N-methylphosphoramidocyanidate | (71-36-3)-1A2-EM |
| Butyl N-ethyl-N-propylphosphoramidocyanidate | (71-36-3)-1A2-EP |
| Butyl N-isopropyl-N-methylphosphoramidocyanidate | (71-36-3)-1A2-IM |
| Butyl N-isopropyl-N-propylphosphoramidocyanidate | (71-36-3)-1A2-IP |
| Butyl N-methyl-N-propylphosphoramidocyanidate | (71-36-3)-1A2-MP |
| Butyl propylphosphonofluoridate | (71-36-3)-P1A1 |
| Butyl propylphosphonofluoridoate | (71-36-3)-P1A1 |
| Butyl S-2-diethylaminoethyl ethylphosphonothiolate | (71-36-3)-E1A3-EE |
| Butyl S-2-diethylaminoethyl methylphosphonothiolate | (71-36-3)-M1A3-EE |
| Butyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (71-36-3)-E1A3-II |
| Butyl S-2-diisopropylaminoethyl isopropylphosphonothiolate | (71-36-3)-I1A3-II |
| Butyl S-2-diisopropylaminoethyl methylphosphonothiolate | 52364-46-2 |
| Butyl S-2-diisopropylaminoethyl propylphosphonothiolate | (71-36-3)-P1A3-II |
| Butyl S-2-dimethylaminoethyl ethylphosphonothiolate | (71-36-3)-E1A3-MM |
| Butyl S-2-dipropylaminoethyl ethylphosphonothiolate | (71-36-3)-E1A3-PP |
| Butyl S-2-dipropylaminoethyl methylphosphonothiolate | (71-36-3)-M1A3-PP |
| BZ | 6581-06-2 |
| Captamine | 108-02-1 |
| Captamine hydrochloride | 13242-44-9 |
| Carbon dichloride oxide | 75-44-5 |
| Carbon hydride nitride (CHN) | 74-90-8 |
| Carbon oxychloride | 75-44-5 |
| Carbonic dichloride | 75-44-5 |
| Carbonyl chloride | 75-44-5 |
| Carbonyl dichloride | 75-44-5 |
| CG | 75-44-5 |
| CGI 1700 | 762-04-9 |
| Chlorethazine | 51-75-2 |
| Chlorine cyanide | 506-77-4 |
| Chlorine cyanide (ClCN) | 506-77-4 |
| Chlorine sulfide (Cl ₂ S) | 10545-99-0 |
| Chlormethine | 51-75-2 |
| Chloro(dimethylamino)ethane | 107-99-3 |
| Chloro(dimethylamino)ethane hydrochloride | 4584-46-7 |
| Chlorocyan | 506-77-4 |
| Chlorocyanide | 506-77-4 |
| Chlorocyanide (ClCN) | 506-77-4 |
| Chlorocyanogen | 506-77-4 |
| Chloroethoxymethylphosphine oxide | 5284-09-3 |
| Chloroethyldimethylamine hydrochloride | 4584-46-7 |
| Chloroformyl chloride | 75-44-5 |
| Chloropicrin | 76-06-2 |
| Chlorosarin | 1445-76-7 |
| Chlorosoman | 7040-57-5 |
| Chlorosulfane | 10025-67-9 |
| Chlorovinylarsine dichloride | 541-25-3 |
| Chlorpicrin | 76-06-2 |
| Cis-2-chlorovinylchloroarsine | 34461-56-8 |
| Cloramin | 51-75-2 |
| CMPF | 329-99-7 |
| Cyanochloride (CNCl) | 506-77-4 |
| Cyanogen chloride | 506-77-4 |
| Cyanogen chloride ((CN)Cl) | 506-77-4 |

| <i>Name</i> | <i>Key/CAS</i> |
|--|--------------------|
| Cyanogen chloride (CICN) | 506-77-4 |
| Cycloheptyl diethylamidocyanidophosphate | (502-41-0)-1A2-EE |
| Cycloheptyl diisopropylamidocyanidophosphate | (502-41-0)-1A2-II |
| Cycloheptyl dimethylamidocyanidophosphate | (502-41-0)-1A2-MM |
| Cycloheptyl dipropylamidocyanidophosphate | (502-41-0)-1A2-PP |
| Cycloheptyl ethylphosphonofluoridate | (502-41-0)-E1A1 |
| Cycloheptyl N,N-diethylphosphoramidocyanidate | (502-41-0)-1A2-EE |
| Cycloheptyl N,N-diisopropylphosphoramidocyanidate | (502-41-0)-1A2-II |
| Cycloheptyl N,N-dimethylphosphoramidocyanidate | (502-41-0)-1A2-MM |
| Cycloheptyl N,N-dipropylphosphoramidocyanidate | (502-41-0)-1A2-PP |
| Cyclohexyl diethylamidocyanidophosphate | (108-93-0)-1A2-EE |
| Cyclohexyl dimethylamidocyanidophosphate | (108-93-0)-1A2-MM |
| Cyclohexyl dipropylamidocyanidophosphate | (108-93-0)-1A2-PP |
| Cyclohexyl ethylphosphonofluoridate | 7284-84-6 |
| Cyclohexyl ethylphosphonofluoridoate | 7284-84-6 |
| Cyclohexyl isopropyl(propyl)amidocyanidophosphate | (108-93-0)-1A2-IP |
| Cyclohexyl isopropylphosphonofluoridoate | (108-93-0)-I1A1 |
| Cyclohexyl methylphosphonofluoridate | 329-99-7 |
| Cyclohexyl methylphosphonofluoridate d11 | (66544-78-9)-M1A1 |
| Cyclohexyl methylphosphonofluoridoate | 329-99-7 |
| Cyclohexyl methylphosphonofluoridoate d11 | (66544-78-9)-M1A1 |
| Cyclohexyl N,N- diisopropylphosphoroamidocyanidate | (1193-81-3)-1A2-II |
| Cyclohexyl N,N-diethylphosphoramidocyanidate | (108-93-0)-1A2-EE |
| Cyclohexyl N,N-dimethylphosphoramidocyanidate | (108-93-0)-1A2-MM |
| Cyclohexyl N,N-dipropylphosphoramidocyanidate | (108-93-0)-1A2-PP |
| Cyclohexyl N-isopropyl-N-propylphosphoramidocyanidate | (108-93-0)-1A2-IP |
| Cyclohexyl propylphosphonofluoridate | 28364-21-8 |
| Cyclohexyl propylphosphonofluoridoate | 28364-21-8 |
| Cyclohexyl S-2-diethylaminoethyl methylphosphonothiolate | 71293-89-5 |
| Cyclohexylmethyl isopropylphosphonofluoridate | (100-49-2)-I1A1 |
| Cyclohexylmethyl propylphosphonofluoridate | (100-49-2)-P1A1 |
| Cyclohexylmethyl S-2(dimethylamino)ethyl propylphosphonothiolate | (100-49-2)-P1A3-MM |
| Cyclohexylmethyl S-2-diisopropylaminoethylethyl isopropylphosphonothiolate | (100-49-2)-I1A3-II |
| Cyclohexylmethyl S-2-diisopropylaminoethylethyl propylphosphonothiolate | (100-49-2)-P1A3-II |
| Cyclohexylmethyl S-2-isopropylmethylaminoethyl isopropylphosphonothiolate | (100-49-2)-I1A3-IM |
| Cyclooctanol, methylphosphonofluoridate | 14719-38-1 |
| Cyclooctyl dimethylamidocyanidophosphate | (696-71-9)-1A2-MM |
| Cyclooctyl dipropylamidocyanidophosphate | (696-71-9)-1A2-PP |
| Cyclooctyl methylphosphonofluoridate | 14719-38-1 |
| Cyclooctyl methylphosphonofluoridoate | 14719-38-1 |
| Cyclooctyl N,N-dimethylphosphoramidocyanidate | (696-71-9)-1A2-MM |
| Cyclooctyl N,N-dipropylphosphoramidocyanidate | (696-71-9)-1A2-PP |
| Cyclooctyl NN,-diisopropylphosphoramidocyanidate | (696-71-9)-1A2-II |
| Cyclopentanol, methylphosphonofluoridate | 7284-82-4 |
| Cyclopentyl 2-(diisopropylamino)ethyl methylphosphonite | (96-41-3)-M1B10-II |
| Cyclopentyl 2-diisopropylaminoethyl methylphosphonite | (96-41-3)-M1B10-II |
| Cyclopentyl ethylphosphonofluoridate | (96-41-3)-E1A1 |
| Cyclopentyl ethylphosphonofluoridoate | (96-41-3)-E1A1 |
| Cyclopentyl isopropylphosphonofluoridate | (96-41-3)-I1A1 |
| Cyclopentyl isopropylphosphonofluoridoate | (96-41-3)-I1A1 |
| Cyclopentyl methylphosphonofluoridate | 38184-39-3 |
| Cyclopentyl methylphosphonofluoridoate | 7284-82-4 |
| Cyclopentyl methylphosphonofluoridoate | 38184-39-3 |
| Cyclopentyl methylphosphonofluoridoate | 7284-82-4 |

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|---|-------------------|
| Cyclopentyl N,N-dipropylphosphoramidocyanidate | (96-41-3)-1A2-PP |
| Cyclopentyl propylphosphonofluoridate | (502-41-0)-P1A1 |
| Cyclopentyl propylphosphonofluoridate | (96-41-3)-P1A1 |
| Cyclopentyl propylphosphonofluoridoate | (96-41-3)-P1A1 |
| Cyclopentyl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (96-41-3)-E1A3-EE |
| Cyclopentyl S-2-diethylaminoethyl methylphosphonothiolate | 93240-66-5 |
| Cyclopentyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (96-41-3)-E1A3-II |
| Cyclopentyl S-2-diisopropylaminoethyl methylphosphonothiolate | 85473-33-2 |
| Cyclopentyl S-2-dimethylaminoethyl ethylphosphonothiolate | (96-41-3)-E1A3-MM |
| Cyclopentyl S-2-dimethylaminoethyl methylphosphonothiolate | 22925-98-0 |
| Cyclopentyl S-2-dipropylaminoethyl ethylphosphonothiolate | (96-41-3)-E1A3-PP |
| Cyclopentyl S-2-dipropylaminoethyl methylphosphonothiolate | (96-41-3)-M1A3-PP |
| Cyclosarin | 329-99-7 |
| d7 | 77-81-6 |
| Daltogen | 102-71-6 |
| DC | 676-97-1 |
| Decyl diisopropylamidocyanidophosphate | (112-30-1)-1A2-II |
| Decyl isopropyl(propyl)amidocyanidophosphate | (112-30-1)-1A2-IP |
| Decyl methylphosphonofluoridate | 193090-25-4 |
| Decyl methylphosphonofluoridoate | 193090-25-4 |
| Decyl N,N-diisopropylphosphoramidocyanidate | (112-30-1)-1A2-II |
| Decyl N-isopropyl-N-propylphosphoramidocyanidate | (112-30-1)-1A2-IP |
| DEMP | 683-08-9 |
| DF | 676-99-3 |
| Di(2-chloroethyl)methylamine | 51-75-2 |
| Di(2-hydroxyethyl) sulfide | 111-48-8 |
| Di-2-chloroethyl sulfide | 505-60-2 |
| Di-n-butyl methanephosphonate | 2404-73-1 |
| Dibutoxymethylphosphine oxide | 2404-73-1 |
| Dibutyl methanephosphonate | 2404-73-1 |
| Dibutyl methylphosphonate | 2404-73-1 |
| Dichloro(2-chlorovinyl)arsine | 541-25-3 |
| Dichloro(diethylamino)phosphine oxide | 1498-54-0 |
| Dichloro(dimethylamino)phosphine oxide | 677-43-0 |
| Dichlorodiethylphosphoramidite | 1498-54-0 |
| Dichlorodisulfane | 10025-67-9 |
| Dichloroethylphosphine oxide | 1066-50-8 |
| Dichloroethylphosphine sulfide | 993-43-1 |
| Dichloroformaldehyde | 75-44-5 |
| Dichloroisopropylphosphine | 25235-15-8 |
| Dichloroisopropylphosphine oxide | 1498-46-0 |
| Dichloromethylphosphine | 676-83-5 |
| Dichloromethylphosphine oxide | 676-97-1 |
| Dichloromethylphosphine sulfide | 676-98-2 |
| Dichlorophosphoric dimethylamide | 677-43-0 |
| Dichloropropylphosphine oxide | 4708-04-7 |
| Dichlorosulfane | 10545-99-0 |
| Diethanol sulfide | 111-48-8 |
| Diethanoethylamine | 139-87-7 |
| Diethanolmethylamine | 105-59-9 |
| Diethoxyethylphosphine | 2651-85-6 |
| Diethoxyethylphosphine oxide | 78-38-6 |
| Diethoxymethylphosphine | 15715-41-0 |
| Diethoxymethylphosphine oxide | 683-08-9 |

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|---|----------------|
| Diethoxyphosphine oxide | 762-04-9 |
| Diethoxypropylphosphine oxide | 18812-51-6 |
| Diethyl acid phosphite | 762-04-9 |
| Diethyl ethanephosphonate | 78-38-6 |
| Diethyl ethanephosponite | 2651-85-6 |
| Diethyl ethylphosphonate | 78-38-6 |
| Diethyl ethylphosponite | 2651-85-6 |
| Diethyl hydrogen phosphite | 762-04-9 |
| Diethyl isopropylphosphonate | 1538-69-8 |
| Diethyl isopropylphosponite | 61820-31-3 |
| Diethyl methanephosphonate | 683-08-9 |
| Diethyl methanephosponite | 15715-41-0 |
| Diethyl methylphosphonate | 683-08-9 |
| Diethyl methylphosponite | 15715-41-0 |
| Diethyl phosphite | 762-04-9 |
| Diethyl phosphonate | 762-04-9 |
| Diethyl propanephosphonate | 18812-51-6 |
| Diethyl propylphosphonate | 18812-51-6 |
| Diethyl(2-chloroethyl)amine | 100-35-6 |
| Diethyl(2-mercaptoethyl)amine | 100-38-9 |
| Diethylamine, 2,2'-dichloro-N-methyl- | 51-75-2 |
| Diethylaminoethyl chloride | 100-35-6 |
| Diethylcysteamine | 100-38-9 |
| Diethylphosphoramidic dichloride | 1498-54-0 |
| Diethylphosphoramidoyl dichloride | 1498-54-0 |
| Difluoromethylphosphine oxide | 676-99-3 |
| Dihydrogen methylphosphonate | 993-13-5 |
| Dihydrogen propylphosphonate | 4672-38-2 |
| Diisopropyl methanephosphonate | 1445-75-6 |
| Diisopropyl methylphosphonate | 1445-75-6 |
| Diisopropylaminoethanethiol | 5842-07-9 |
| Diisopropylaminoethanethiol hydrochloride | 41480-75-5 |
| Diisopropylphosphonofluoridate | 665-33-8 |
| Diisopropylphosphoramidic dichloride | 23306-80-1 |
| Dimethoxymethyl phosphine oxide | 756-79-6 |
| Dimethoxyphosphine oxide | 868-85-9 |
| Dimethyl acid phosphite | 868-85-9 |
| Dimethyl hydrogen phosphite | 868-85-9 |
| Dimethyl hydrogen phosphonate | 868-85-9 |
| Dimethyl methanephosphonate | 756-79-6 |
| Dimethyl methylphosphonate | 756-79-6 |
| Dimethyl phosphite | 868-85-9 |
| Dimethyl phosphonate | 868-85-9 |
| Dimethyl propylphosphonate | 18755-43-6 |
| Dimethyl(2-chloroethyl)amine | 107-99-3 |
| Dimethylamidoethoxyphosphoryl cyanide | 77-81-6 |
| Dimethylamidophosphoric acid dichloride | 677-43-0 |
| Dimethylaminoethyl chloride | 107-99-3 |
| Dimethylaminoethyl chloride hydrochloride | 4584-46-7 |
| Dimethylphosphoramidic dichloride | 677-43-0 |
| Dimethylphosphorodichloridic amide | 677-43-0 |
| DIMP | 1445-75-6 |
| DIMP (phosphonate) | 1445-75-6 |
| Diphenylglycolic acid | 76-93-7 |

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|---|-----------------------|
| Diphenylhydroxyacetic acid | 76-93-7 |
| Diphosphonic acid, dipropyl- | 71760-04-8 |
| Dipinacolyl methylphosphonate | 7040-58-6 |
| Dipropylamine, N-(2-chloroethyl)- | 36716-60-6 |
| Dipropyldiphosphonic acid | 71760-04-8 |
| Dipropylethanolamine | 3238-75-3 |
| Dipropylphosphoramidic dichloride | 40881-98-9 |
| Dipropylphosphoramidoyl dichloride | 40881-98-9 |
| Disulfur dichloride | 10025-67-9 |
| DMMP | 756-79-6 |
| DSDP | 78-53-5 |
| EA 1699 | 20820-80-8 |
| Ebu | 126204-48-6 |
| Edemo 3 | 21770-86-5 |
| EDMM | 20820-80-8 |
| Ethanamine, 2-chloro-N,N-bis(2-chloroethyl)- | 555-77-1 |
| Ethanamine, 2-chloro-N,N-bis(2-chloroethyl)-, hydrochloride | 817-09-4 |
| Ethanamine, 2-chloro-N,N-diethyl- | 100-35-6 |
| Ethanamine, 2-chloro-N,N-diethyl-, hydrochloride | 869-24-9 |
| Ethanamine, 2-chloro-N,N-dimethyl- | 107-99-3 |
| Ethanamine, 2-chloro-N,N-dimethyl-, hydrochloride | 4584-46-7 |
| Ethanamine, 2-chloro-N-(2-chloroethyl)-N-ethyl- | 538-07-8 |
| Ethanamine, 2-chloro-N-(2-chloroethyl)-N-ethyl-, hydrochloride | 3590-07-6 |
| Ethanamine, 2-chloro-N-(2-chloroethyl)-N-methyl- | 51-75-2 |
| Ethanamine, 2-chloro-N-(2-chloroethyl)-N-methyl-, hydrochloride | 55-86-7 |
| Ethanaminium, 2-[[cyclohexyloxy)methylphosphinyl]thio]-N,N-diethyl-N-methyl-, iodide | 132412-52-3 |
| Ethanaminium, N,N,N-triethyl-2-[(ethoxyethylphosphinyl)thio]-, iodide | (64-17-5)-E1A3-EEE(I) |
| Ethanaminium, N,N,N-triethyl-2-[(ethoxymethylphosphinyl)thio]-, iodide | (64-17-5)-M1A3-EEE(I) |
| Ethanaminium, N,N,N-triethyl-2-[(isopropoxyethylphosphinyl)thio]-, iodide | (67-63-0)-E1A3-EEE(I) |
| Ethanaminium, N,N,N-trimethyl-2-[(ethoxyethylphosphinyl)thio]-, iodide | (64-17-5)-E1A3-MMM(I) |
| Ethanaminium, N,N,N-trimethyl-2-[(ethoxyisopropylphosphinyl)thio]-, iodide | (64-17-5)-I1A3-MMM(I) |
| Ethanaminium, N,N,N-trimethyl-2-[(isopropoxyethylphosphinyl)thio]-, iodide | (67-63-0)-E1A3-MMM(I) |
| Ethanaminium, N,N,N-trimethyl-2-[(isopropoxymethylphosphinyl)thio]-, iodide | 1866-98-4 |
| Ethanaminium, N,N,N-trimethyl-2-[(methoxymethylphosphinyl)thio]-, iodide | (67-56-1)-M1A3-MMM(I) |
| Ethanaminium, N,N,N-trimethyl-2-[(propoxymethylphosphinyl)thio]-, iodide | (71-23-8)-M1A3-MMM(I) |
| Ethanaminium, N,N,N-trimethyl-2-[[methyl(1-methylethoxy)phosphinyl]thio]-, iodide | 1866-98-4 |
| Ethanaminium, N,N,N-trimethyl-2-[[methyl(1-methylethoxy)phosphinyl]thio]-, iodide, (R)- | 26348-71-0 |
| Ethanaminium, N,N-diethyl-N-methyl-2-[(cyclohexyloxymethylphosphinyl)thio]-, iodide | 132412-52-3 |
| Ethanaminium, N,N-diethyl-N-methyl-2-[(ethoxyethylphosphinyl)thio]-, iodide | (64-17-5)-E1A3-EEM(I) |
| Ethanaminium, N,N-diethyl-N-methyl-2-[(ethoxymethylphosphinyl)thio]-, iodide | (64-17-5)-M1A3-EEM(I) |
| Ethanaminium, N,N-diethyl-N-methyl-2-[(isobutoxyethylphosphinyl)thio]-, iodide | (78-83-1)-E1A3-EEM(I) |
| Ethanaminium, N,N-diethyl-N-methyl-2-[(isopropoxyethylphosphinyl)thio]-, iodide | (67-63-0)-E1A3-EEM(I) |
| Ethanaminium, N,N-diethyl-N-methyl-2-[(methoxyethylphosphinyl)thio]-, iodide | (67-56-1)-E1A3-EEM(I) |
| Ethanaminium, N,N-diethyl-N-propyl-2-[(ethoxyethylphosphinyl)thio]-, iodide | (64-17-5)-E1A3-EEP(I) |
| Ethanaminium, N,N-diethyl-N-propyl-2-[(isopropoxyethylphosphinyl)thio]-, iodide | (67-63-0)-E1A3-EEP(I) |
| Ethanaminium, N,N-diisopropyl-N-methyl-2-[(ethoxyethylphosphinyl)thio]-, iodide | (64-17-5)-E1A3-IIM(I) |
| Ethanaminium, N,N-diisopropyl-N-methyl-2-[(ethoxymethylphosphinyl)thio]-, iodide | (64-17-5)-M1A3-IIM(I) |
| Ethanaminium, N,N-diisopropyl-N-methyl-2-[(isopropoxyethylphosphinyl)thio]-, iodide | (67-63-0)-E1A3-IIM(I) |
| Ethanaminium, N,N-dimethyl-N-propyl-2-[(ethoxyethylphosphinyl)thio]-, iodide | (64-17-5)-E1A3-MMP(I) |
| Ethanaminium, N,N-dimethyl-N-propyl-2-[(isopropoxyethylphosphinyl)thio]-, iodide | (67-63-0)-E1A3-MMP(I) |
| Ethanaminium, N-ethyl-N,N-dimethyl-2-[(ethoxyethylphosphinyl)thio]-, iodide | (64-17-5)-E1A3-EMM(I) |
| Ethanaminium, N-ethyl-N,N-dimethyl-2-[(ethoxymethylphosphinyl)thio]-, iodide | (64-17-5)-M1A3-EMM(I) |

| <i>Name</i> | <i>Key/CAS</i> |
|--|-----------------------|
| Ethanaminium, N-ethyl-N,N-dimethyl-2-[(isopropoxyethylphosphinyl)thio]-, iodide | (67-63-0)-E1A3-EMM(I) |
| Ethanaminium, N-isopropyl-N,N-dimethyl-2-[(ethoxymethylphosphinyl)thio]-, iodide | (64-17-5)-M1A3-MMI(I) |
| Ethane, 1,1'-(thio-35S)bis[2-chloro- | 6755-76-6 |
| Ethane, 1,1'-[methylenebis(thio)]bis[2-chloro- | 63869-13-6 |
| Ethane, 1,1'-[oxybis(methylenethio)]bis[2-chloro- | 63918-90-1 |
| Ethane, 1,1'-oxybis[2-[(2-chloroethyl)thio]- | 63918-89-8 |
| Ethane, 1,1'-thiobis[2-chloro- | 505-60-2 |
| Ethane, 1,2-bis[(2-chloroethyl)thio]- | 3563-36-8 |
| Ethane, 1-chloro-2-[(chloromethyl)thio]- | 2625-76-5 |
| Ethane-1,1,2,2-d4, 1,1'-thiobis[2-chloro- | 176327-97-2 |
| Ethanephosphonic acid | 6779-09-5 |
| Ethanephosphonic acid, thio- | 13991-98-5 |
| Ethanephosphonochloridothioic acid, O-ethyl ester | 1497-68-3 |
| Ethanephosphonothionodichloridic acid | 993-43-1 |
| Ethanephosphonyl chloride | 1066-50-8 |
| Ethanethiol, 2-(diethylamino)- | 100-38-9 |
| Ethanethiol, 2-(diethylamino)-, hydrochloride | 1942-52-5 |
| Ethanethiol, 2-(diisopropylamino)- | 5842-07-9 |
| Ethanethiol, 2-(dimethylamino)- | 108-02-1 |
| Ethanethiol, 2-(dimethylamino)-, hydrochloride | 13242-44-9 |
| Ethanethiol, 2-(dipropylamino)- | 5842-06-8 |
| Ethanethiol, 2-[bis(1-methylethyl)amino]- | 5842-07-9 |
| Ethanethiol, 2-[bis(1-methylethyl)amino]-, hydrochloride | 41480-75-5 |
| Ethanethiophosphonodichloridic acid | 993-43-1 |
| Ethanol, 2,2',2''-nitrilotri- | 102-71-6 |
| Ethanol, 2,2',2''-nitrilotris- | 102-71-6 |
| Ethanol, 2,2'-(ethylimino)bis- | 139-87-7 |
| Ethanol, 2,2'-(ethylimino)di- | 139-87-7 |
| Ethanol, 2,2'-(methylimino)bis- | 105-59-9 |
| Ethanol, 2,2'-(methylimino)di- | 105-59-9 |
| Ethanol, 2,2'-thiobis- | 111-48-8 |
| Ethanol, 2,2'-thiodi- | 111-48-8 |
| Ethanol, 2-(diisopropylamino)- | 96-80-0 |
| Ethanol, 2-(dipropylamino)- | 3238-75-3 |
| Ethanol, 2-[bis(1-methylethyl)amino]- | 96-80-0 |
| Ethyl 2-diisopropylaminoethyl methylphosphonite | 57856-11-8 |
| Ethyl diethylamidocyanidophosphate | 63815-60-1 |
| Ethyl diisopropylamidocyanidophosphate | (64-17-5)-1A2-II |
| Ethyl dimethylamidocyanophosphate | 77-81-6 |
| Ethyl dimethylphosphoramidocyanidate | 77-81-6 |
| Ethyl dipropylamidocyanidophosphate | (64-17-5)-1A2-PP |
| Ethyl ethyl(isopropyl)amidocyanidophosphate | (64-17-5)-1A2-EI |
| Ethyl ethyl(methyl)amidocyanidophosphate | (64-17-5)-1A2-EM |
| Ethyl ethyl(propyl)amidocyanidophosphate | (64-17-5)-1A2-EP |
| Ethyl ethylphosphonochloridothionate | 1497-68-3 |
| Ethyl ethylphosphonofluoridate | 650-20-4 |
| Ethyl ethylphosphonofluoridoate | 650-20-4 |
| Ethyl hydrogen methylphosphonite | 89034-24-2 |
| Ethyl isopropyl(methyl)amidocyanidophosphate | (64-17-5)-1A2-IM |
| Ethyl isopropyl(propyl)amidocyanidophosphate | (64-17-5)-1A2-IP |
| Ethyl isopropylphosphonofluoridate | 1426-08-0 |
| Ethyl isopropylphosphonofluoridoate | 1426-08-0 |
| Ethyl methanephosphonochloridate | 5284-09-3 |
| Ethyl methanephosphonothionochloridate | 2524-16-5 |

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|---|------------------------|
| Ethyl methyl(propyl)amidocyanidophosphate | (64-17-5)-1A2-MP |
| Ethyl methylphosphonochloridate | 5284-09-3 |
| Ethyl methylphosphonochloridoate | 5284-09-3 |
| Ethyl methylphosphonofluoridate | 673-97-2 |
| Ethyl methylphosphonofluoridate d5 | (1516-08-1)-M1A1 |
| Ethyl methylphosphonofluoride | 673-97-2 |
| Ethyl methylphosphonofluoridoate | 673-97-2 |
| Ethyl N,N-diethylphosphoramidocyanidate | 63815-60-1 |
| Ethyl N,N-diisopropylphosphoramidocyanidate | (64-17-5)-1A2-II |
| Ethyl N,N-dimethylphosphoramidocyanidate | 77-81-6 |
| Ethyl N,N-dipropylphosphoramidocyanidate | (64-17-5)-1A2-PP |
| Ethyl N-ethyl-N-isopropylphosphoramidocyanidate | (64-17-5)-1A2-EI |
| Ethyl N-ethyl-N-methylphosphoramidocyanidate | (64-17-5)-1A2-EM |
| Ethyl N-ethyl-N-propylphosphoramidocyanidate | (64-17-5)-1A2-EP |
| Ethyl N-isopropyl-N-methylphosphoramidocyanidate | (64-17-5)-1A2-IM |
| Ethyl N-isopropyl-N-propylphosphoramidocyanidate | (64-17-5)-1A2-IP |
| Ethyl phosphonothioyl dichloride | 993-43-1 |
| Ethyl propylphosphonofluoridate | (64-17-5)-P1A1 |
| Ethyl propylphosphonofluoridoate | (64-17-5)-P1A1 |
| Ethyl S-2-diethylaminoethyl ethylphosphonothiolate | 21738-25-0 |
| Ethyl S-2-diethylaminoethyl ethylphosphonothiolate, oxalate | 108302-04-1 |
| Ethyl S-2-diethylaminoethyl isopropylphosphonothiolate | 99991-06-7 |
| Ethyl S-2-diethylaminoethyl methylphosphonothiolate | 21770-86-5 |
| Ethyl S-2-diethylaminoethyl propylphosphonothiolate | 999991-07-8 |
| Ethyl S-2-diisopropylaminoethyl ethylphosphonothiolate | 73835-17-3 |
| Ethyl S-2-diisopropylaminoethyl isopropylphosphonothiolate | (64-17-5)-11A3-II |
| Ethyl S-2-diisopropylaminoethyl methylphosphonothiolate | 50782-69-9 |
| Ethyl S-2-diisopropylaminoethyl propylphosphonothiolate | (64-17-5)-P1A3-II |
| Ethyl S-2-diisopropylaminoethylethyl methylphosphonothiolate, hydrochloride | (64-17-5)-M1A3-HII(Cl) |
| Ethyl S-2-dimethylaminoethyl ethylphosphonothiolate | 98543-25-0 |
| Ethyl S-2-dimethylaminoethyl isopropylphosphonothiolate | (64-17-5)-11A3-MM |
| Ethyl S-2-dimethylaminoethyl methylphosphonothiolate | 20820-80-8 |
| Ethyl S-2-dimethylaminoethyl propylphosphonothiolate | 218964-59-1 |
| Ethyl S-2-dipropylaminoethyl methylphosphonothiolate | 62512-68-9 |
| Ethyl S-2-dipropylaminoethyl propylphosphonothiolate | (64-17-5)-P1A3-PP |
| Ethyl S-2-isopropylmethylaminoethyl methylphosphonothiolate | (64-17-5)-M1A3-IM |
| Ethyl-d5 methylphosphonofluoridate | (1516-08-1)-M1A1 |
| Ethyl-d5 S-2-diisopropylaminoethyl methylphosphonothiolate | (1516-08-1)-M1A3-I |
| Ethyl-N-dimethylphosphoramidocyanidate | 77-81-6 |
| Ethylamine, 2-chloro-N,N-dimethyl- | 107-99-3 |
| Ethylamine, 2-chloro-N,N-dimethyl-, hydrochloride | 4584-46-7 |
| Ethylbis(2-chloroethyl)amine | 538-07-8 |
| Ethylbis(2-hydroxyethyl)amine | 139-87-7 |
| Ethyl-diethanolamine | 139-87-7 |
| Ethylphosphonic acid | 6779-09-5 |
| Ethylphosphonic acid dichloride | 1066-50-8 |
| Ethylphosphonic dichloride | 1066-50-8 |
| Ethylphosphonic difluoride | 753-98-0 |
| Ethylphosphonothioic acid | 13991-98-5 |
| Ethylphosphonothioic dichloride | 993-43-1 |
| Ethylphosphonothioic O,O-acid | 13991-98-5 |
| Ethylphosphonothionic dichloride | 993-43-1 |
| Ethylphosphonyl dichloride | 1066-50-8 |
| Ethylphosphonyldifluoride | 753-98-0 |

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| Ethylthionophosphonic acid O-ethyl ester chloride | 1497-68-3 |
| Ethylthionophosphonyl dichloride | 993-43-1 |
| Ethylthiophosphonic acid dichloride | 993-43-1 |
| Ethylthiophosphonic dichloride | 993-43-1 |
| Eve | 105-59-9 |
| Evercyn | 74-90-8 |
| Formic anammonide | 74-90-8 |
| Formonitrile | 74-90-8 |
| Fuming liquid arsenic | 7784-34-1 |
| Furan TF 2000 | 756-79-6 |
| Fyrol DMMP | 756-79-6 |
| G 25 | 76-06-2 |
| GA | 77-81-6 |
| GA (chemical warfare agent) | 77-81-6 |
| GB | 107-44-8 |
| GD | 96-64-0 |
| GD (chemical warfare agent) | 96-64-0 |
| Gelan | 77-81-6 |
| GF | 329-99-7 |
| GF (chemical warfare agent) | 329-99-7 |
| HD | 505-60-2 |
| HD (chemical warfare agent) | 505-60-2 |
| Hendecadeuteriocyclohexyl methylphosphonofluoridate | (66544-78-9)-M1A1 |
| Hept-3-yl methylphosphonofluoridate | (589-82-2)-M1A1 |
| Heptyl dimethylamidocyanidophosphate | 162085-91-8 |
| Heptyl ethylphosphonofluoridate | 162085-85-0 |
| Heptyl ethylphosphonofluoridoate | 162085-85-0 |
| Heptyl isopropylphosphonofluoridoate | (111-70-6)-I1A1 |
| Heptyl methylphosphonofluoridate | 162085-82-7 |
| Heptyl methylphosphonofluoridoate | 162085-82-7 |
| Heptyl N,N-diisopropylphosphoramidocyanidate | (111-70-6)-1A2-II |
| Heptyl N,N-dimethylphosphoramidocyanidat | 162085-91-8 |
| Heptyl N,N-dipropylphosphoramidocyanidate | (111-70-6)-1A2-PP |
| Heptyl propylphosphonofluoridate | (111-70-6)-P1A1 |
| Heptyl propylphosphonofluoridoate | (111-70-6)-P1A1 |
| Heptyl S-2-diisopropylaminoethyl isopropylphosphonothiolate | (111-70-6)-I1A3-II |
| Hex-2-yl ethylphosphonofluoridate | (626-93-7)-E1A1 |
| Hex-2-yl isopropylphosphonofluoridate | (626-93-7)-I1A1 |
| Hex-2-yl methylphosphonofluoridate | 13172-12-8 |
| Hex-2-yl propylphosphonofluoridate | (626-93-7)-P1A1 |
| Hex-3-yl ethylphosphonofluoridate | (623-37-0)-E1A1 |
| Hex-3-yl methylphosphonofluoridate | (623-37-0)-M1A1 |
| Hexyl dimethylamidocyanidophosphate | 162085-90-7 |
| Hexyl ethylfluorophosphinate | 135445-19-1 |
| Hexyl ethylphosphonofluoridate | 135445-19-1 |
| Hexyl ethylphosphonofluoridoate | 135445-19-1 |
| Hexyl isopropylphosphonofluoridate | (111-27-3)-I1A1 |
| Hexyl isopropylphosphonofluoridoate | (111-27-3)-I1A1 |
| Hexyl methylphosphonofluoridate | 113548-89-3 |
| Hexyl methylphosphonofluoridoate | 113548-89-3 |
| Hexyl N,N-dimethylphosphoramidocyanidate | 162085-90-7 |
| Hexyl propylphosphonofluoridate | (111-27-3)-P1A1 |
| Hexyl propylphosphonofluoridoate | (111-27-3)-P1A1 |
| HN 1 | 107-99-3 |

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|---|--------------------|
| HN 3 | 555-77-1 |
| HN1 | 538-07-8 |
| HN1 Hydrochloride | 3590-07-6 |
| HN2 | 51-75-2 |
| HN2 (amine) | 51-75-2 |
| HN2 Hydrochloride | 55-86-7 |
| HN3 | 555-77-1 |
| HN3 Hydrochloride | 817-09-4 |
| Hydrocyanic acid | 74-90-8 |
| Hydrogen cyanide | 74-90-8 |
| Hydrogen diethyl phosphite | 762-04-9 |
| Hydrogen dimethyl phosphite | 868-85-9 |
| Hydrogen S-2-di-n-propylaminoethyl methylphosphonothioate | 30102-97-7 |
| Hydrogen S-2-diethylaminoethyl isopropylphosphonothiolate | H-1A3-EE |
| Hydrogen S-2-diethylaminoethyl methylphosphonothiolate | 21068-51-9 |
| Hydrogen S-2-diethylaminoethyl propylphosphonothiolate | H-P1A3-EE |
| Hydrogen S-2-diisopropylaminoethyl isopropylphosphonothiolate | H-1A3-II |
| Hydrogen S-2-diisopropylaminoethyl methylphosphonothioate | 73207-98-4 |
| Hydrogen S-2-diisopropylaminoethyl methylphosphonothiolate | 73207-98-4 |
| Hydrogen S-2-diisopropylaminoethyl propylphosphonothiolate | H-P1A3-II |
| Hydrogen S-2-dimethylaminoethyl ethylphosphonothiolate | H-E1A3-MM |
| Hydrogen S-2-dimethylaminoethyl isopropylphosphonothiolate | H-1A3-MM |
| Hydrogen S-2-dimethylaminoethyl methylphosphonothiolate | 34256-71-8 |
| Hydrogen S-2-dimethylaminoethyl propylphosphonothiol | H-P1A3-MM |
| Hydrogen S-2-dimethylaminoethyl propylphosphonothiolate | H-P1A3-MM |
| Hydrogen S-2-dipropylaminoethyl ethylphosphonothiolate | H-E1A3-PP |
| Hydrogen S-2-dipropylaminoethyl isopropylphosphonothiolate | H-1A3-PP |
| Hydrogen S-2-dipropylaminoethyl methylphosphonothiolate | 30102-97-7 |
| Hydroxy(diphenyl)acetic acid | 76-93-7 |
| Hydroxydiphenylacetic acid | 76-93-7 |
| IMPF | 107-44-8 |
| Inferno | 78-53-5 |
| lperyt | 505-60-2 |
| lprit | 505-60-2 |
| Isobutyl chloromethylphosphinate | 18359-05-2 |
| Isobutyl diethylamidocyanidophosphate | (78-83-1)-1A2-EE |
| Isobutyl diisopropylamidocyanidophosphate | (78-83-1)-1A2-II |
| Isobutyl dimethylamidocyanidophosphate | 162085-88-3 |
| Isobutyl dipropylamidocyanidophosphate | (78-83-1)-1A2-PP |
| Isobutyl ethyl(isopropyl)amidocyanidophosphate | (78-83-1)-1A2-EI |
| Isobutyl ethyl(methyl)amidocyanidophosphate | (78-83-1)-1A2-EM |
| Isobutyl ethyl(propyl)amidocyanidophosphate | (78-83-1)-1A2-EP |
| Isobutyl ethylphosphonofluoridate | 2261-83-8 |
| Isobutyl ethylphosphonofluoridoate | 2261-83-8 |
| Isobutyl fluoromethylphosphinate | 2053-81-8 |
| Isobutyl isopropyl(methyl)amidocyanidophosphate | (78-83-1)-1A2-IM |
| Isobutyl isopropyl(propyl)amidocyanidophosphate | (78-83-1)-1A2-IP |
| Isobutyl isopropylphosphonochloridate | (78-83-1)-12B41-CI |
| Isobutyl isopropylphosphonochloridoate | (78-83-1)-12B41-CI |
| Isobutyl isopropylphosphonofluoridate | (78-83-1)-11A1 |
| Isobutyl isopropylphosphonofluoridoate | (78-83-1)-11A1 |
| Isobutyl methyl(propyl)amidocyanidophosphate | (78-83-1)-1A2-MP |
| Isobutyl methylphosphonochloridate | 18359-05-2 |
| Isobutyl methylphosphonochloridoate | 18359-05-2 |

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| Isobutyl methylphosphonofluoridate | 2053-81-8 |
| Isobutyl methylphosphonofluoridoate | 2053-81-8 |
| Isobutyl N,N-diethylphosphoramidocyanidate | (78-83-1)-1A2-EE |
| Isobutyl N,N-diisopropylphosphoramidocyanidate | (78-83-1)-1A2-II |
| Isobutyl N,N-dimethylphosphoramidocyanidate | 162085-88-3 |
| Isobutyl N,N-dipropylphosphoramidocyanidate | (78-83-1)-1A2-PP |
| Isobutyl N-ethyl-N-isopropylphosphoramidocyanidate | (78-83-1)-1A2-EI |
| Isobutyl N-ethyl-N-methylphosphoramidocyanidate | (78-83-1)-1A2-EM |
| Isobutyl N-isopropyl-N-methylphosphoramidocyanidate | (78-83-1)-1A2-IM |
| Isobutyl N-isopropyl-N-propylphosphoramidocyanidate | (78-83-1)-1A2-IP |
| Isobutyl N-methyl-N-propylphosphoramidocyanidate | (78-83-1)-1A2-MP |
| Isobutyl propylphosphonochloridate | (78-83-1)-P2B41-Cl |
| Isobutyl propylphosphonochloridoate | (78-83-1)-P2B41-Cl |
| Isobutyl propylphosphonofluoridate | (78-83-1)-P1A1 |
| Isobutyl propylphosphonofluoridoate | (78-83-1)-P1A1 |
| Isobutyl S-2-diethylaminoethyl methylphosphonothiolate | 172825-49-9 |
| Isobutyl S-2-diethylaminoethyl ethylphosphonothiolate | (78-83-1)-E1A3-EE |
| Isobutyl S-2-Diethylaminoethyl methylphosphonothiolate | 159939-87-4 |
| Isobutyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (78-83-1)-E1A3-II |
| Isobutyl S-2-diisopropylaminoethyl methylphosphonothiolate | (78-83-1)-M1A3-II |
| Isobutyl S-2-dimethylaminoethyl ethylphosphonothiolate | (78-83-1)-E1A3-MM |
| Isobutyl S-2-dimethylaminoethyl methylphosphonothiolate | 56217-65-3 |
| Isobutyl S-2-dipropylaminoethyl ethylphosphonothiolate | (78-83-1)-E1A3-PP |
| Isobutyl S-2-dipropylaminoethyl methylphosphonothiolate | (78-83-1)-M1A3-PP |
| Isohexyl ethylphosphonofluoridate | (626-89-1)-E1A1 |
| Isohexyl isopropylphosphonofluoridate | (626-89-1)-I1A1 |
| Isohexyl methylphosphonofluoridate | (626-89-1)-M1A1 |
| Isohexyl propylphosphonofluoridate | (626-89-1)-P1A1 |
| Isopentyl ethylphosphonofluoridate | (123-51-3)-E1A1 |
| Isopentyl ethylphosphonofluoridoate | (123-51-3)-E1A1 |
| Isopentyl isopropylphosphonofluoridate | (123-51-3)-I1A1 |
| Isopentyl isopropylphosphonofluoridoate | (123-51-3)-I1A1 |
| Isopentyl methylphosphonofluoridate | (123-51-3)-M1A1 |
| Isopentyl methylphosphonofluoridoate | 22107-46-6 |
| Isopentyl methylphosphonofluoridoate | 22107-46-6 |
| Isopentyl methylphosphonofluoridoate | (123-51-3)-M1A1 |
| Isopentyl propylphosphonofluoridate | (123-51-3)-P1A1 |
| Isopentyl propylphosphonofluoridoate | (123-51-3)-P1A1 |
| Isopentyl S-2-diethylaminoethyl ethylphosphonothiolate | (123-51-3)-E1A3-EE |
| Isopentyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (123-51-3)-E1A3-II |
| Isopentyl S-2-diisopropylaminoethyl methylphosphonothiolate | (123-51-3)-M1A3-II |
| Isopentyl S-2-dimethylaminoethyl ethylphosphonothiolate | (123-51-3)-E1A3-MM |
| Isopentyl S-2-dimethylaminoethyl methylphosphonothiolate | (123-51-3)-M1A3-MM |
| Isopentyl S-2-dipropylaminoethyl ethylphosphonothiolate | (123-51-3)-E1A3-PP |
| Isopentyl S-2-dipropylaminoethyl methylphosphonothiolate | (123-51-3)-M1A3-PP |
| Isopropoxymethylphosphoryl fluoride | 107-44-8 |
| Isopropyl chloromethylphosphinate | 1445-76-7 |
| Isopropyl diethylamidocyanidophosphate | (67-63-0)-1A2-EE |
| Isopropyl diisopropylamidocyanidophosphate | (67-63-0)-1A2-II |
| Isopropyl dimethylamidocyanidophosphate | 63815-55-4 |
| Isopropyl dipropylamidocyanidophosphate | (67-63-0)-1A2-PP |
| Isopropyl ethyl(isopropyl)amidocyanidophosphate | (67-63-0)-1A2-EI |
| Isopropyl ethyl(methyl)amidocyanidophosphate | (67-63-0)-1A2-EM |
| Isopropyl ethyl(propyl)amidocyanidophosphate | (67-63-0)-1A2-EP |

| <i>Name</i> | <i>Key/CAS</i> |
|--|--------------------|
| Isopropyl ethylfluorophosphinate | 1189-87-3 |
| Isopropyl ethylphosphonochloridate | (67-63-0)-E2B41-CI |
| Isopropyl ethylphosphonochloridoate | (67-63-0)-E2B41-CI |
| Isopropyl ethylphosphonofluoridate | 1189-87-3 |
| Isopropyl ethylphosphonofluoridoate | 1189-87-3 |
| Isopropyl isopropyl(methyl)amidocyanidophosphate | (67-63-0)-1A2-IM |
| Isopropyl isopropyl(propyl)amidocyanidophosphate | (67-63-0)-1A2-IP |
| Isopropyl isopropylphosphonofluoridate | 665-33-8 |
| Isopropyl isopropylphosphonofluoridoate | 665-33-8 |
| Isopropyl methyl(propyl)amidocyanidophosphate | (67-63-0)-1A2-MP |
| Isopropyl methyl-d3-phosphonofluoridate | 104801-08-3 |
| Isopropyl methylfluorophosphonate | 107-44-8 |
| Isopropyl methylphosphonochloridate | 1445-76-7 |
| isopropyl methylphosphonofluoridate | 107-44-8 |
| Isopropyl methylphosphonofluoridate d7 | (22739-76-0)-M1A1 |
| Isopropyl methylphosphonofluoridate, labeled with tritium | 104801-07-2 |
| Isopropyl methylphosphonofluoridate- d3 | 104801-08-3 |
| Isopropyl methylphosphonofluoridoate | 107-44-8 |
| Isopropyl methylphosphonofluoridoate d3 | 104801-08-3 |
| Isopropyl methylphosphonofluoridoate d7 | (22739-76-0)-M1A1 |
| Isopropyl N,N-diethylphosphoramidocyanidate | (67-63-0)-1A2-EE |
| Isopropyl N,N-diisopropylphosphoramidocyanidate | (67-63-0)-1A2-II |
| Isopropyl N,N-dimethylphosphoramidocyanidate | 63815-55-4 |
| Isopropyl N,N-dipropylphosphoramidocyanidate | (67-63-0)-1A2-PP |
| Isopropyl N-ethyl-N-isopropylphosphoramidocyanidate | (67-63-0)-1A2-EI |
| Isopropyl N-ethyl-N-methylphosphoramidocyanidate | (67-63-0)-1A2-EM |
| Isopropyl N-ethyl-N-propylphosphoramidocyanidate | (67-63-0)-1A2-EP |
| Isopropyl N-isopropyl-N-methylphosphoramidocyanidate | (67-63-0)-1A2-IM |
| Isopropyl N-isopropyl-N-propylphosphoramidocyanidate | (67-63-0)-1A2-IP |
| Isopropyl N-methyl-N-propylphosphoramidocyanidate | (67-63-0)-1A2-MP |
| Isopropyl propylphosphonofluoridate | 18358-37-7 |
| Isopropyl propylphosphonofluoridoate | 18358-37-7 |
| Isopropyl S-2-diethylaminoethyl ethylphosphonothiolate | 162085-93-0 |
| Isopropyl S-2-diethylaminoethyl methylphosphonothiolate | 91134-95-1 |
| Isopropyl S-2-diisopropylaminoethyl ethylphosphonothiolate | 162085-95-2 |
| Isopropyl S-2-diisopropylaminoethyl isopropylphosphonothiolate | (67-63-0)-11A3-II |
| Isopropyl S-2-diisopropylaminoethyl methylphosphonothiolate | 51446-23-2 |
| Isopropyl S-2-dimethylaminoethyl ethylphosphonothiolate | 162085-92-9 |
| Isopropyl S-2-dimethylaminoethyl methylphosphonothiolate | 21068-52-0 |
| Isopropyl S-2-dipropylaminoethyl ethylphosphonothiolate | (67-63-0)-E1A3-PP |
| Isopropyl S-2-dipropylaminoethyl methylphosphonothiolate | (67-63-0)-M1A3-PP |
| Isopropyl-d7 methylphosphonofluoridate | (22739-76-0)-M1A1 |
| Isopropyl dichlorophosphine | 25235-15-8 |
| Isopropylphosphonic acid dichloride | 1498-46-0 |
| Isopropylphosphonic dichloride | 1498-46-0 |
| Isopropylphosphonic difluoride | 677-42-9 |
| Isopropylphosphonothioic O,O-acid | I2B45 |
| Isopropylphosphonous dichloride | 25235-15-8 |
| Isopropylphosphonyl dichloride | 1498-46-0 |
| Isopropylphosphonyldifluoride | 677-42-9 |
| Isopropylphosphorus dichloride | 25235-15-8 |
| Kampstoff Lost | 505-60-2 |
| Kromfax Solvent | 111-48-8 |
| Larvacide | 76-06-2 |

| <i>Name</i> | <i>Key/CAS</i> |
|---|------------------|
| Lewisite | 541-25-3 |
| Lewisite (arsenic compound) | 541-25-3 |
| Lewisite 1 | 541-25-3 |
| Lewisite 2 | 40334-69-8 |
| Lewisite 3 | 40334-70-1 |
| Luizyt | 541-25-3 |
| MBA | 51-75-2 |
| MDEA | 105-59-9 |
| Mechlorethamine | 51-75-2 |
| MEDA | 13242-44-9 |
| Medemo | 20820-80-8 |
| Metaran | 756-79-6 |
| Methane, trichloronitro- | 76-06-2 |
| Methanephosphonic acid | 993-13-5 |
| Methanephosphonic acid dimethyl ester | 756-79-6 |
| Methanephosphonic acid, thio- | 5994-73-0 |
| Methanephosphonodichloridic acid | 676-97-1 |
| Methanephosphonothioic dichloride | 676-98-2 |
| Methanephosphonyl chloride | 676-97-1 |
| Methanephosphonyl dichloride | 676-97-1 |
| Methyl cyclohexylfluorophosphonate | 329-99-7 |
| Methyl diethylamidocyanidophosphate | (67-56-1)-1A2-EE |
| Methyl difluorophosphite | 676-99-3 |
| Methyl diisopropylamidocyanidophosphate | (67-56-1)-1A2-II |
| Methyl dimethylamidocyanidophosphate | 63815-56-5 |
| Methyl dipropylamidocyanidophosphate | (67-56-1)-1A2-PP |
| Methyl ethyl(methyl)amidocyanidophosphate | (67-56-1)-1A2-EM |
| Methyl ethyl(propyl)amidocyanidophosphate | (67-56-1)-1A2-EP |
| Methyl ethylphosphonofluoridate | 665-03-2 |
| Methyl ethylphosphonofluoridoate | 665-03-2 |
| Methyl hydrogen methylphosphonate | 1066-53-1 |
| Methyl isopropyl(methyl)amidocyanidophosphate | (67-56-1)-1A2-IM |
| Methyl isopropyl(propyl)amidocyanidophosphate | (67-56-1)-1A2-IP |
| Methyl isopropylphosphonofluoridate | 648-59-9 |
| Methyl isopropylphosphonofluoridoate | 648-59-9 |
| Methyl methanephosphonate | 1066-53-1 |
| Methyl methyl(propyl)amidocyanidophosphate | (67-56-1)-1A2-MP |
| Methyl methylphosphonate | 1066-53-1 |
| Methyl methylphosphonofluoridate | 353-88-8 |
| Methyl methylphosphonofluoridoate | 353-88-8 |
| Methyl N,N-diethylphosphoramidocyanidate | (67-56-1)-1A2-EE |
| Methyl N,N-diisopropylphosphoramidocyanidate | (67-56-1)-1A2-II |
| Methyl N,N-dimethylphosphoramidocyanidate | 63815-56-5 |
| Methyl N,N-dipropylphosphoramidocyanidate | (67-56-1)-1A2-PP |
| Methyl N-ethyl-N-methylphosphoramidocyanidate | (67-56-1)-1A2-EM |
| Methyl N-ethyl-N-propylphosphoramidocyanidate | (67-56-1)-1A2-EP |
| Methyl N-isopropyl-N-methylphosphoramidocyanidate | (67-56-1)-1A2-IM |
| Methyl N-isopropyl-N-propylphosphoramidocyanidate | (67-56-1)-1A2-IP |
| Methyl N-methyl-N-propylphosphoramidocyanidate | (67-56-1)-1A2-MP |
| Methyl phosphonate ((MeO)2HPO) | 868-85-9 |
| Methyl phosphonic acid 2-ethylhexyl ester | 13688-82-9 |
| Methyl phosphonic acid monomethyl ester | 1066-53-1 |
| Methyl pinacolyl phosphonofluoridate | 96-64-0 |
| Methyl pinacolyl oxy phosphorylfuoride | 96-64-0 |

| <i>Name</i> | <i>Key/CAS</i> |
|---|-----------------------|
| Methyl propylphosphonofluoridate | (67-56-1)-P1A1 |
| Methyl propylphosphonofluoridoate | (67-56-1)-P1A1 |
| Methyl S-2-diethylaminoethyl ethylphosphonothiolate | 170800-77-8 |
| Methyl S-2-diethylaminoethyl methylphosphonothiolate | (67-56-1)-M1A3-EE |
| Methyl S-2-diisopropylaminoethyl ethylphosphonothiolate | 162085-94-1 |
| Methyl S-2-diisopropylaminoethyl isopropylphosphonothiolate | (67-56-1)-I1A3-II |
| Methyl S-2-diisopropylaminoethyl methylphosphonothiolate | 198830-32-9 |
| Methyl S-2-diisopropylaminoethyl propylphosphonothiolate | (67-56-1)-P1A3-II |
| Methyl S-2-dimethylaminoethyl ethylphosphonothiolate | (67-56-1)-E1A3-MM |
| Methyl S-2-dimethylaminoethyl methylphosphonothiolate | 108490-92-2 |
| Methylbis(.beta.-chloroethyl)amine | 51-75-2 |
| Methylbis(2-chloroethyl)amine | 51-75-2 |
| Methylbis(2-hydroxyethyl)amine | 105-59-9 |
| Methyldi(2-chloroethyl)amine | 51-75-2 |
| Methyldichlorophosphine | 676-83-5 |
| Methyldichlorophosphine sulfide | 676-98-2 |
| Methyldiethanolamine | 105-59-9 |
| Methyldiethoxyphosphine | 15715-41-0 |
| Methylfluorophosphoric acid isopropyl ester | 107-44-8 |
| Methyliminodiethanol | 105-59-9 |
| Methylphosphinic dichloride | 676-83-5 |
| Methylphosphinous dichloride | 676-83-5 |
| Methylphosphonic acid | 993-13-5 |
| Methylphosphonic acid dichloride | 676-97-1 |
| Methylphosphonic acid dimethyl ester | 756-79-6 |
| Methylphosphonic dichloride | 676-97-1 |
| Methylphosphonic dichloride compound with methylphosphonic difluoride (1:1) | 97505-35-6 |
| Methylphosphonic difluoride | 676-99-3 |
| Methylphosphonodichloridic acid | 676-97-1 |
| Methylphosphonofluoridic acid isopropyl ester | 107-44-8 |
| Methylphosphonothioic dichloride | 676-98-2 |
| Methylphosphonothioic dichloride | Cl-M2B45-Cl |
| Methylphosphonothioic O,O-acid | 5994-73-0 |
| Methylphosphonothioyl dichloride | 676-98-2 |
| Methylphosphonous dichloride | 676-83-5 |
| Methylphosphonyl chloride | 676-97-1 |
| Methylphosphonyl dichloride | 676-97-1 |
| Methylphosphonyldifluoride | 676-99-3 |
| Methylphosphorus dichloride | 676-83-5 |
| Methylthionophosphonic acid O-ethyl ester chloride | 2524-16-5 |
| Methylthionophosphonic dichloride | 676-98-2 |
| Methylthiophosphonic acid dichloride | 676-98-2 |
| Methylthiophosphonic dichloride | 676-98-2 |
| Metramac | 78-53-5 |
| Microlysin | 76-06-2 |
| Mixture: 50% Methylphosphonyldifluoride/50% Methylphosphonyldichloride | 97505-35-6 |
| Monosulfur dichloride | 10545-99-0 |
| MPT | 50782-69-9 |
| Mustard | 505-60-2 |
| Mustard gas | 505-60-2 |
| Mustargen | 51-75-2 |
| Mustine | 51-75-2 |
| N,N,N-Triethyl-2-[[ethyl(isopropoxy)phosphoryl]sulfanyl]ethanaminium iodide | (67-63-0)-E1A3-EEE(I) |
| N,N,N-Trimethyl-2-[[methyl(propoxy)phosphoryl]sulfanyl]ethanaminium iodide | (71-23-8)-M1A3-MMM(I) |

| <i>Name</i> | <i>Key/CAS</i> |
|---|-----------------------|
| N,N,N-Tris(2-chloroethyl)amine | 555-77-1 |
| N,N-Bis(2-chloroethyl)-N-ethylamine | 538-07-8 |
| N,N-Bis(2-chloroethyl)-N-methylamine | 51-75-2 |
| N,N-Bis(2-chloroethyl)methylamine | 51-75-2 |
| N,N-Bis(2-hydroxyethyl)ethylamine | 139-87-7 |
| N,N-Bis(2-hydroxyethyl)methylamine | 105-59-9 |
| N,N-Di(chloroethyl)methylamine | 51-75-2 |
| N,N-Diethyl aminoethyl-2-chloride | 100-35-6 |
| N,N-Diethyl-.beta.-chloroethylamine hydrochloride | 869-24-9 |
| N,N-Diethyl-.beta.-mercaptoethylamine hydrochloride | 1942-52-5 |
| N,N-Diethyl-2-[[ethyl(isobutoxy)phosphoryl]sulfanyl]-N-methylethanaminium iodide | (78-83-1)-E1A3-EEM(I) |
| N,N-Diethyl-2-[[ethyl(isopropoxy)phosphoryl]sulfanyl]-N-methylethanaminium iodide | (67-63-0)-E1A3-EEM(I) |
| N,N-Diethyl-2-[[ethyl(isopropoxy)phosphoryl]sulfanyl]-N-propylethanaminium iodide | (67-63-0)-E1A3-EEP(I) |
| N,N-Diethyl-2-[[ethyl(methoxy)phosphoryl]sulfanyl]-N-methylethanaminium iodide | (67-56-1)-E1A3-EEM(I) |
| N,N-Diethyl-2-[[methyl(cyclohexyloxy)phosphoryl]sulfanyl]-N-methylethanaminium iodide | 132412-52-3 |
| N,N-Diethyl-2-chloroethylamine | 100-35-6 |
| N,N-Diethyl-2-chloroethylamine hydrochloride | 869-24-9 |
| N,N-diethyl-2-sulfanylethanaminium chloride | 1942-52-5 |
| N,N-Diethylaminoethane-2-thiol | 100-38-9 |
| N,N-Diethylaminoethane-2-thiol hydrochloride | 1942-52-5 |
| N,N-Diethylaminoethyl chloride | 100-35-6 |
| N,N-Diethylaminoethyl-2-chloride | 2B10-EE |
| N,N-Diethylcysteamine | 100-38-9 |
| N,N-Diethylphosphoramidic dichloride | 1498-54-0 |
| N,N-Diisopropyl-2-[[ethyl(isopropoxy)phosphoryl]sulfanyl]-N-methylethanaminium iodide | (67-63-0)-E1A3-IIM(I) |
| N,N-Diisopropyl-2-aminoethanol | 96-80-0 |
| N,N-Diisopropyl-2-chloroethylamine | 96-79-7 |
| N,N-diisopropyl-2-sulfanylethanaminium chloride | 41480-75-5 |
| N,N-Diisopropylaminoethane-2-ol | 96-80-0 |
| N,N-Diisopropylaminoethane-2-thiol | 5842-07-9 |
| N,N-Diisopropylaminoethane-2-thiol hydrochloride | 41480-75-5 |
| N,N-Diisopropylaminoethyl-2-chloride | 96-79-7 |
| N,N-Diisopropylaminoethyl-2-chloride hydrochloride | 4261-68-1 |
| N,N-Diisopropylethanolamine | 96-80-0 |
| N,N-Diisopropylphosphoramidic dichloride | 23306-80-1 |
| N,N-Dimethyl aminoethyl-2-chloride | 107-99-3 |
| N,N-Dimethyl-.beta.-chloroethylamine | 107-99-3 |
| N,N-Dimethyl-2-aminoethanethiol hydrochloride | 13242-44-9 |
| N,N-Dimethyl-2-chloroethylamine | 107-99-3 |
| N,N-Dimethyl-2-chloroethylamine hydrochloride | 4584-46-7 |
| N,N-dimethyl-2-sulfanylethanaminium chloride | 13242-44-9 |
| N,N-Dimethyl-N-(2-chloroethyl)amine | 107-99-3 |
| N,N-Dimethyl-N-(2-chloroethyl)amine hydrochloride | 4584-46-7 |
| N,N-Dimethylaminoethane-2-thiol | 108-02-1 |
| N,N-Dimethylaminoethane-2-thiol hydrochloride | 13242-44-9 |
| N,N-Dimethylaminoethyl-2-chloride | 2B10-MM |
| N,N-Dimethylaminoethyl-2-chloride hydrochloride | 4584-46-7 |
| N,N-Dimethylcysteamine | 108-02-1 |
| N,N-Dimethylcysteamine hydrochloride | 13242-44-9 |
| N,N-Dimethylphosphoramidic dichloride | 677-43-0 |
| N,N-Dipropyl-2-chloroethylamine | 36716-60-6 |
| N,N-Dipropylaminoethane-2-ol | 3238-75-3 |

| <i>Name</i> | <i>Key/CAS</i> |
|--|-----------------------------|
| N,N-Dipropylaminoethane-2-thiol | 5842-06-8 |
| N,N-dipropylaminoethyl methylphosphonofluoridate | (64-17-5)-M1A1-PP |
| N,N-Dipropylaminoethyl-2-chloride | 36716-60-6 |
| N,N-Dipropylethanolamine | 3238-75-3 |
| N,N-Dipropylphosphoramidic dichloride | 40881-98-9 |
| N,N-methyl-isopropyl-phosphoramidocyanidate de O-ethyle | (64-17-5)-1A2-MI |
| N,N-methylethyl-phosphoramidocyanidate de O-ethyle | (64-17-5)-1A2-ME |
| N,N-methylpropyl-phosphoramidocyanidate de O-ethyle | (64-17-5)-1A2-MP |
| N-2-([Ethoxy(ethyl)phosphoryl]sulfanyl)ethyl)-N,N-diethylpropan-1-aminium iodide | (64-17-5)-E1A3-EEM(I) |
| N-2-([Ethoxy(ethyl)phosphoryl]sulfanyl)ethyl)-N,N-diethylpropan-1-aminium iodide | (64-17-5)-E1A3-EEP(I) |
| N-2-([Ethoxy(ethyl)phosphoryl]sulfanyl)ethyl)-N,N-dimethylpropan-1-aminium iodide | (64-17-5)-E1A3-MMP(I) |
| N-2-([Ethoxy(ethyl)phosphoryl]sulfanyl)ethyl)-N-isopropyl-N-methylpropan-2-aminium iodide | (64-17-5)-E1A3-IIM(I) |
| N-2-([Ethoxy(methyl)phosphoryl]sulfanyl)ethyl)-N-isopropyl-N-methylpropan-2-aminium iodide | (64-17-5)-M1A3-IIM(I) |
| N-2-([Ethoxy(methyl)phosphoryl]sulfanyl)ethyl)-N-isopropylpropan-2-aminium chloride | (64-17-5)-M1A3-HII(Cl) |
| N-2-([Ethyl(isopropoxy)phosphoryl]sulfanyl)ethyl)-N,N-dimethylpropan-1-aminium iodide | (67-63-0)-E1A3-MMP(I) |
| N-(2-Chloroethyl)-N,N-diethylamine | 100-35-6 |
| N-(2-chloroethyl)-N,N-diethylamine | 2B10-EE |
| N-(2-Chloroethyl)-N,N-diisopropylamine | 96-79-7 |
| N-(2-Chloroethyl)-N,N-dimethylamine | 2B10-MM |
| N-(2-Chloroethyl)-N,N-dimethylamine | 107-99-3 |
| N-(2-Chloroethyl)-N,N-dimethylammonium chloride | 4584-46-7 |
| N-(2-chloroethyl)-N,N-dipropylamine | 36716-60-6 |
| N-(2-Chloroethyl)-N-(1-methylethyl)-2-propanamine | 96-79-7 |
| N-(2-Chloroethyl)-N-isopropylpropan-2-aminium chloride | 4261-68-1 |
| N-(2-Chloroethyl)diethylamine | 100-35-6 |
| N-(2-Chloroethyl)diethylamine hydrochloride | 869-24-9 |
| N-(2-Chloroethyl)diisopropylamine | 96-79-7 |
| N-(2-Chloroethyl)diisopropylamine hydrochloride | 4261-68-1 |
| N-(2-Chloroethyl)dimethylamine | 107-99-3 |
| N-(2-Chloroethyl)dimethylamine hydrochloride | 4584-46-7 |
| N-(2-Hydroxyethyl)-N-methylethanolamine | 105-59-9 |
| N-(2-Mercaptoethyl)-N,N-dimethylamine | 108-02-1 |
| N-(2-Mercaptoethyl)diethylamine hydrochloride | 1942-52-5 |
| N-(2-Mercaptoethyl)dimethylamine hydrochloride | 13242-44-9 |
| N-2-Chloroethyl-N,N-diethylammonium hydrochloride | 869-24-9 |
| n-Butyl ethylphosphonofluoridate | 18358-34-4 |
| n-Butyl isopropylphosphonofluoridate | (71-36-3)-11A1 |
| n-Butyl methylphosphonofluoridate | 352-63-6 |
| n-Butyl N,N-dimethylphosphoramidocyanidate | 162085-87-2 |
| n-Decyl methylphosphonofluoridate | 193090-25-4 |
| n-Decyl N,N-diisopropylphosphoramidocyanidate | (112-30-1)-1A2-II |
| n-Decyl N-isopropyl-N-propylphosphoramidocyanidate | (112-30-1)-1A2-IP |
| N-Dicyclohexylammonium O-(2,2-dimethylpropyl) methylphosphonothioate | (75-84-3)-M2B45-O(101-83-7) |
| N-Dicyclohexylammonium O-(2,2-dimethylpropyl) methylphosphonothionate | (75-84-3)-M2B45-O(101-83-7) |
| N-Ethyl-2,2'-iminodiethanol | 139-87-7 |
| N-Ethyl-2-([ethyl(isopropoxy)phosphoryl]sulfanyl)-N,N-dimethylethylaminium iodide | (67-63-0)-E1A3-EMM(I) |
| N-Ethylbenzenaminium O-(1,2-dimethylpropyl) methylphosphonothioate (+) | (598-75-4)-M2B45-O(103-69- |
| N-Ethylbenzenaminium O-(1,2-dimethylpropyl) methylphosphonothioate (-) | (598-75-4)-M2B45-O(103-69- |
| N-Ethylbenzenaminium O-(1,2-dimethylpropyl) methylphosphonothionate (+) | (598-75-4)-M2B45-O(103-69- |
| N-Ethylbenzenaminium O-(1,2-dimethylpropyl) methylphosphonothionate (-) | (598-75-4)-M2B45-O(103-69- |
| N-Ethylbenzenaminium O-neopentyl methylphosphonothioate | (75-84-3)-M2B45-O(103-69-5) |

| <i>Name</i> | <i>Key/CAS</i> |
|--|-----------------------------|
| N-Ethylbenzenaminium O-neopentyl methylphosphonothionate | (75-84-3)-M2B45-O(103-69-5) |
| N-Ethylbis(2-chloroethyl)amine | 538-07-8 |
| N-Ethyldiethanolamine | 139-87-7 |
| n-Heptyl ethylphosphonofluoridate | 162085-85-0 |
| n-Heptyl isopropylphosphonofluoridate | (111-70-6)-I1A1 |
| n-Heptyl methylphosphonofluoridate | 162085-82-7 |
| n-Heptyl N,N-dimethylphosphoramidocyanidat | 162085-91-8 |
| n-Heptyl propylphosphonofluoridate | (111-70-6)-P1A1 |
| n-Hexyl ethylphosphonofluoridate | 135445-19-1 |
| n-Hexyl isopropylphosphonofluoridate | (111-27-3)-I1A1 |
| n-Hexyl methylphosphonofluoridate | 113548-89-3 |
| n-Hexyl N,N-dimethylphosphoramidocyanidate | 162085-90-7 |
| n-Hexyl propylphosphonofluoridate | (111-27-3)-P1A1 |
| N-Methyl-2,2'-dichlorodiethylamine | 51-75-2 |
| N-Methylaminodiglycol | 105-59-9 |
| N-Methylbis(.beta.-chloroethyl)amine | 51-75-2 |
| N-Methylbis(2-chloroethyl)amine | 51-75-2 |
| N-Methyldiethanolamine | 105-59-9 |
| N-Methyliminodiethanol | 105-59-9 |
| n-Nonyl methylphosphonofluoridate | 211192-74-4 |
| n-O-Butyl isopropylphosphonofluoridate | (71-36-3)-I1A1 |
| n-O-Hexyl isopropylphosphonofluoridate | (111-27-3)-I1A1 |
| n-Octyl methylphosphonofluoridate | 144313-52-0 |
| n-Octyl N,N,-dimethylphosphoramidocyanidate | (111-87-5)-1A2-MM |
| n-Octyl N,N-diethylphosphoramidocyanidate | (111-87-5)-1A2-EE |
| n-Octyl N,N-diisopropylphosphoramidocyanidate | (111-87-5)-1A2-II |
| n-Octyl N,N-dipropylphosphoramidocyanidate | (111-87-5)-1A2-PP |
| n-Octyl N-isopropyl-N-propylphosphoramidocyanidate | (111-87-5)-1A2-IP |
| n-Pentyl ethylphosphonofluoridate | 162085-84-9 |
| n-Pentyl isopropylphosphonofluoridate | (71-41-0)-I1A1 |
| n-Pentyl methylphosphonofluoridate | 13454-59-6 |
| n-Pentyl N,N-dimethylphosphoramidocyanidate | 148461-87-4 |
| n-Pentyl propylphosphonofluoridate | (71-41-0)-P1A1 |
| n-Pentyl S-2-diisopropylaminoethyl methylphosphonothiolate | 198830-36-3 |
| n-Propyl ethylphosphonofluoridate | 2992-95-2 |
| n-Propyl isopropylphosphonofluoridate | (71-23-8)-I1A1 |
| n-Propyl methylphosphonofluoridate | 763-14-4 |
| n-Propyl N,N-diethylphosphoramidocyanidate | (71-23-8)-1A2-EE |
| n-Propyl N,N-diisopropylphosphoramidocyanidate | (71-23-8)-1A2-II |
| n-Propyl N,N-dimethylphosphoramidocyanidate | 162085-86-1 |
| n-Propyl N,N-dipropylphosphoramidocyanidate | (71-23-8)-1A2-PP |
| n-Propyl N-ethyl-N-isopropylphosphoramidocyanidate | (71-23-8)-1A2-EI |
| n-Propyl N-ethyl-N-methylphosphoramidocyanidate | (71-23-8)-1A2-EM |
| n-Propyl N-ethyl-N-propylphosphoramidocyanidate | (71-23-8)-1A2-EP |
| n-Propyl N-isopropyl-N-methylphosphoramidocyanidate | (71-23-8)-1A2-IM |
| n-Propyl N-isopropyl-N-propylphosphoramidocyanidate | (71-23-8)-1A2-IP |
| n-Propyl N-methyl-N-propylphosphoramidocyanidate | (71-23-8)-1A2-MP |
| n-Propyl propylphosphonofluoridate | 18358-36-6 |
| n-Propylphosphonic acid | 4672-38-2 |
| n-Propylphosphonic cyclic anhydride | 68957-94-8 |
| Neopentyl diisopropylamidocyanidophosphate | (75-84-3)-1A2-II |
| Neopentyl ethylphosphonofluoridate | (75-84-3)-E1A1 |
| Neopentyl ethylphosphonofluoridoate | (75-84-3)-E1A1 |
| Neopentyl isopropyl(propyl)amidocyanidophosphate | (75-84-3)-1A2-IP |

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| Neopentyl isopropylphosphonofluoridate | (75-84-3)-I1A1 |
| Neopentyl isopropylphosphonofluoridoate | (75-84-3)-I1A1 |
| Neopentyl methylphosphonofluoridate | 372-62-3 |
| Neopentyl methylphosphonofluoridoate | 372-62-3 |
| Neopentyl N,N-diisopropylphosphoramidocyanidate | (75-84-3)-1A2-II |
| Neopentyl N-isopropyl-N-propylphosphoramidocyanidate | (75-84-3)-1A2-IP |
| Neopentyl propylphosphonofluoridate | (75-84-3)-P1A1 |
| Neopentyl propylphosphonofluoridoate | (75-84-3)-P1A1 |
| Neopentyl S-2-diethylaminoethyl ethylphosphonothiolate | (75-84-3)-E1A3-EE |
| Neopentyl S-2-diethylaminoethyl methylphosphonothiolate | (75-84-3)-M1A3-EE |
| Neopentyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (75-84-3)-E1A3-II |
| Neopentyl S-2-diisopropylaminoethyl methylphosphonothiolate | (75-84-3)-M1A3-II |
| Neopentyl S-2-diisopropylaminoethyl methylphosphonothiolate, (-) | (75-84-3)-M1A3-II(-) |
| Neopentyl S-2-dimethylaminoethyl ethylphosphonothiolate | (75-84-3)-E1A3-MM |
| Neopentyl S-2-dimethylaminoethyl methylphosphonothiolate | (75-84-3)-M1A3-MM |
| Neopentyl S-2-dipropylaminoethyl ethylphosphonothiolate | (75-84-3)-E1A3-PP |
| Neopentyl S-2-dipropylaminoethyl methylphosphonothiolate | (75-84-3)-M1A3-PP |
| NIA 10656 | 4672-38-2 |
| Nitrilomethane | 74-90-8 |
| Nitrilotriethanol | 102-71-6 |
| Nitrochloroform | 76-06-2 |
| Nitrogen mustard | 555-77-1 |
| Nitrotrichloromethane | 76-06-2 |
| Nonyl methylphosphonofluoridate | 211192-74-4 |
| Nonyl methylphosphonofluoridoate | 211192-74-4 |
| NSC 1917 | 107-99-3 |
| O,O-Diethyl methylphosphonate | 683-08-9 |
| O,O-Diethyl methylphosphonite | 15715-41-0 |
| O,O-Diethyl propylphosphonate | 18812-51-6 |
| O,O-Diethyl S-2-diethylaminoethyl phosphorothioate | 78-53-5 |
| O,O-Diethyl S-2-diethylaminoethyl phosphorothiolate | 78-53-5 |
| O,O-Diisopropyl methylphosphonate | 1445-75-6 |
| O,O-Dimethyl methylphosphonate | 756-79-6 |
| O- cyclooctyl propylphosphonofluoridate | (696-71-9)-P1A1 |
| O- dec-2-yl propylphosphonofluoridate | (1120-06-5)-P1A1 |
| O-(+/-)-2-octyl methylphosphonofluoridate | (123-96-6)-M1A1 |
| O-(1R) Pinacolyl methylphosphonofluoridate | 89254-46-6 |
| O-(1S) Pinacolyl methylphosphonofluoridate | 89254-45-5 |
| O-(1S)-1-Methylheptyl methylphosphonofluoridate | 22925-96-8 |
| O-(2-methyl)cyclopentyl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (24070-77-7)-E1A3-MM |
| O-(2-methyl)cyclopentyl S-[2-(diethylamino)ethyl] methylphosphonothiolate | (24070-77-7)-M1A3-EE |
| O-(2-methyl)cyclopentyl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (24070-77-7)-E1A3-EE |
| O-(2-methyl)cyclopentyl S-[2-(dimethylamino)ethyl] methylphosphonothiolate | (24070-77-7)-M1A3-MM |
| O-(2-methyl)cyclopentyl S-[2-(dipropylamino)ethyl] methylphosphonothiolate | (24070-77-7)-M1A3-PP |
| O-(2-methyl)cyclopentyl S-[2-(dipropylamino)ethyl] ethylphosphonothiolate | (24070-77-7)-E1A3-PP |
| O-(2-methyl)cyclopentyl S-[2-[bis-(1-methylethyl)amino]-ethyl] methylphosphonothiolate | (24070-77-7)-M1A3-II |
| O-(2-methyl)cyclopentyl S-[2-[bis-(1-methylethyl)amino]ethyl] ethylphosphonothiolate | (24070-77-7)-E1A3-II |
| O-(4,4-dimethylcyclohexyl) methylphosphonofluoridate | (932-01-4)-M1A1 |
| O-(sec-Butyl) S-[2-(diethylamino)ethyl] ethylphosphonothioate | (78-92-2)-E1A3-EE |
| O-(sec-Butyl) S-[2-(diisopropylamino)ethyl] methylphosphonothioate | (78-92-2)-M1A3-II |
| O-(sec-Butyl) S-[2-(dimethylamino)ethyl] ethylphosphonothioate | 50929-96-9 |
| O-1,2,-dimethylpropyl S-2-dimethylaminoethyl methylphosphonothiolate | (598-75-4)-M1A3-MM |
| O-1,2,2-Trimethylpropyl isopropylphosphonofluoridate | (464-07-3)-I1A1 |

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| O-1,2,2-Trimethylpropyl N,N-diethylphosphoramidocyanidate | (464-07-3)-1A2-EE |
| O-1,2,2-Trimethylpropyl N,N-diisopropylphosphoramidocyanidate | (464-07-3)-1A2-II |
| O-1,2,2-Trimethylpropyl N,N-dimethylphosphoramidocyanidate | (464-07-3)-1A2-MM |
| O-1,2,2-Trimethylpropyl N,N-dipropylphosphoramidocyanidate | (464-07-3)-1A2-PP |
| O-1,2,2-Trimethylpropyl N-isopropyl-N-propylphosphoramidocyanidate | (464-07-3)-1A2-IP |
| O-1,2,2-Trimethylpropyl propylphosphonofluoridate | (464-07-3)-P1A1 |
| O-1,2-Dimethylpropyl ethylphosphonofluoridate | (598-75-4)-E1A1 |
| O-1,2-Dimethylpropyl isopropylphosphonofluoridate | (598-75-4)-I1A1 |
| O-1,2-Dimethylpropyl methylphosphonofluoridate | 6154-51-4 |
| O-1,2-Dimethylpropyl N,N-diisopropylphosphoramidocyanidate | (598-75-4)-1A2-II |
| O-1,2-Dimethylpropyl propylphosphonofluoridate | (598-75-4)-P1A1 |
| O-1,2-Dimethylpropyl S-2-diethylaminoethyl ethylphosphonothiolate | (598-75-4)-E1A3-EE |
| O-1,2-dimethylpropyl S-2-diethylaminoethyl methylphosphonothiolate | (598-75-4)-M1A3-EE |
| O-1,2-Dimethylpropyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (598-75-4)-E1A3-II |
| O-1,2-dimethylpropyl S-2-diisopropylaminoethyl methylphosphonothiolate | (598-75-4)-M1A3-II |
| O-1,2-Dimethylpropyl S-2-dimethylaminoethyl ethylphosphonothiolate | (598-75-4)-E1A3-MM |
| O-1,2-Dimethylpropyl S-2-dipropylaminoethyl ethylphosphonothiolate | (598-75-4)-E1A3-PP |
| O-1,2-dimethylpropyl S-2-dipropylaminoethyl methylphosphonothiolate | (598-75-4)-M1A3-PP |
| O-1,3-Dimethylbutyl ethylphosphonofluoridate | (108-11-2)-E1A1 |
| O-1,3-Dimethylbutyl isopropylphosphonofluoridate | (108-11-2)-I1A1 |
| O-1,3-Dimethylbutyl methylphosphonofluoridate | 352-53-4 |
| O-1,3-Dimethylbutyl N,N-diisopropylphosphoramidocyanidate | (108-11-2)-1A2-II |
| O-1,3-Dimethylbutyl propylphosphonofluoridate | (108-11-2)-P1A1 |
| O-1,3-dimethylbutyl S-2-diisopropylaminoethyl methylphosphonothiolate | (108-11-2)-M1A3-II |
| O-1,4-Dimethylpentyl methylphosphonofluoridate | 199850-62-9 |
| O-1-(1-Methylethyl)-2-methylpropyl N,N-dipropylphosphoramidocyanidate | (600-36-2)-1A2-PP |
| O-1-(1-methylethyl)-2-methylpropyl N,N-diethylphosphoramidocyanidate | (600-36-2)-1A2-EE |
| O-1-(1-methylethyl)-2-methylpropyl N,N-diisopropylphosphoramidocyanidate | (600-36-2)-1A2-II |
| O-1-(1-Methylethyl)-2-methylpropyl N,N-dimethylphosphoramidocyanidate | (600-36-2)-1A2-MM |
| O-1-(1-methylethyl)-2-methylpropyl N-isopropyl-N-propylphosphoramidocyanidate | (600-36-2)-1A2-IP |
| O-1-(2-Methylpropyl)-isopentyl methylphosphonofluoridate | 193090-16-3 |
| O-1-cyclohexyl-ethyl 1-methylethyl-phosphonofluoridate | (1193-81-3)-I1A1 |
| O-1-cyclohexyl-ethyl ethylphosphonofluoridate | (1193-81-3)-E1A1 |
| O-1-cyclohexyl-ethyl methylphosphonofluoridate | (1193-81-3)-M1A1 |
| O-1-cyclohexyl-ethyl propylphosphonofluoridate | (1193-81-3)-P1A1 |
| O-1-Ethyl-2-methylpropyl ethylphosphonofluoridate | (565-67-3)-E1A1 |
| O-1-Ethyl-2-methylpropyl isopropylphosphonofluoridate | (565-67-3)-I1A1 |
| O-1-Ethyl-2-methylpropyl methylphosphonofluoridate | (565-67-3)-M1A1 |
| O-1-Ethylbutyl ethylphosphonofluoridate | (623-37-0)-E1A1 |
| O-1-Ethylbutyl methylphosphonofluoridate | (623-37-0)-M1A1 |
| O-1-Ethylbutyl N,N-diisopropylphosphoramidocyanidate | (623-37-0)-1A2-II |
| O-1-Ethylbutyl propylphosphonofluoridate | (623-37-0)-P1A1 |
| O-1-Ethylhexyl methylphosphonofluoridate | (20296-29-1)-M1A1 |
| O-1-Ethylhexyl N,N-diethylphosphoramidocyanidate | (20296-29-1)-1A2-EE |
| O-1-Ethylhexyl N,N-diisopropylphosphoramidocyanidate | (20296-29-1)-1A2-II |
| O-1-Ethylhexyl N,N-dimethylphosphoramidocyanidate | (20296-29-1)-1A2-MM |
| O-1-Ethylhexyl N,N-dipropylphosphoramidocyanidate | (20296-29-1)-1A2-PP |
| O-1-Ethylhexyl N-isopropyl-N-propylphosphoramidocyanidate | (20296-29-1)-1A2-IP |
| O-1-ethylpentyl methylphosphonofluoridate | (589-82-2)-M1A1 |
| O-1-Ethylpentyl N,N-diisopropylphosphoramidocyanidate | (589-82-2)-1A2-II |
| O-1-Ethylpropyl ethylphosphonofluoridate | (584-02-1)-E1A1 |
| O-1-Ethylpropyl isopropylphosphonofluoridate | (584-02-1)-I1A1 |
| O-1-Ethylpropyl methylphosphonofluoridate | 66348-71-8 |
| O-1-Ethylpropyl propylphosphonofluoridate | (584-02-1)-P1A1 |

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|---|----------------------|
| O-1-Ethylpropyl S-2-diethylaminoethyl ethylphosphonothiolate | (584-02-1)-E1A3-EE |
| O-1-Ethylpropyl S-2-diethylaminoethyl methylphosphonothiolate | (584-02-1)-M1A3-EE |
| O-1-Ethylpropyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (584-02-1)-E1A3-II |
| O-1-Ethylpropyl S-2-diisopropylaminoethyl propylphosphonothiolate | (584-02-1)-P1A3-II |
| O-1-Ethylpropyl S-2-dimethylaminoethyl ethylphosphonothiolate | (584-02-1)-E1A3-MM |
| O-1-Ethylpropyl S-2-dimethylaminoethyl methylphosphonothiolate | (584-02-1)-M1A3-MM |
| O-1-Ethylpropyl S-2-dipropylaminoethyl ethylphosphonothiolate | (584-02-1)-E1A3-PP |
| O-1-Ethylpropyl S-2-dipropylaminoethyl methylphosphonothiolate | (584-02-1)-M1A3-PP |
| O-1-Isobutyl-3-methylbutyl methylphosphonofluoridate | 193090-16-3 |
| O-1-Methylbutyl ethylphosphonofluoridate | (6032-29-7)-E1A1 |
| O-1-Methylbutyl isopropylphosphonofluoridate | (6032-29-7)-I1A1 |
| O-1-Methylbutyl methylphosphonofluoridate | 761-93-3 |
| O-1-Methylbutyl S-2-diethylaminoethyl ethylphosphonothiolate | (6032-29-7)-E1A3-EE |
| O-1-Methylbutyl S-2-diethylaminoethyl methylphosphonothiolate | (6032-29-7)-M1A3-EE |
| O-1-Methylbutyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (6032-29-7)-E1A3-II |
| O-1-Methylbutyl S-2-diisopropylaminoethyl methylphosphonothiolate | (6032-29-7)-M1A3-II |
| O-1-Methylbutyl S-2-dimethylaminoethyl ethylphosphonothiolate | (137-32-6)-E1A3-MM |
| O-1-Methylbutyl S-2-dimethylaminoethyl methylphosphonothiolate | (6032-29-7)-E1A3-MM |
| O-1-Methylbutyl S-2-dimethylaminoethyl methylphosphonothiolate | (6032-29-7)-M1A3-MM |
| O-1-Methylbutyl S-2-dipropylaminoethyl ethylphosphonothiolate | (6032-29-7)-E1A3-PP |
| O-1-Methylbutyl S-2-dipropylaminoethyl methylphosphonothiolate | (6032-29-7)-M1A3-PP |
| O-1-Methylcyclohexyl N,N-diisopropylphosphoramidocyanidate | (590-67-0)-1A2-II |
| O-1-Methylheptyl methylphosphonofluoridate | 22925-97-9 |
| O-1-Methylheptyl N,N-diisopropylphosphoramidocyanidate | (123-96-6)-1A2-II |
| O-1-Methylpentyl ethylphosphonofluoridate | (626-93-7)-E1A1 |
| O-1-Methylpentyl isopropylphosphonofluoridate | (626-93-7)-I1A1 |
| O-1-Methylpentyl methylphosphonofluoridate | 13172-12-8 |
| O-1-Methylpentyl propylphosphonofluoridate | (626-93-7)-P1A1 |
| O-2,2-Dimethyl-pent-3-yl 1-methylethylphosphonofluoridate | (3970-62-5)-I1A1 |
| O-2,2-dimethyl-pent-3-yl ethylphosphonofluoridate | (3970-62-5)-E1A1 |
| O-2,2-dimethyl-pent-3-yl methylphosphonofluoridate | (3970-62-5)-M1A1 |
| O-2,2-dimethyl-pent-3-yl propylphosphonofluoridate | (3970-62-5)-P1A1 |
| O-2,2-Dimethylbut-3-yl N,N-diethylphosphoramidocyanidate | (464-07-3)-1A2-EE |
| O-2,2-Dimethylbut-3-yl N,N-diisopropylphosphoramidocyanidate | (464-07-3)-1A2-II |
| O-2,2-Dimethylbut-3-yl N,N-dimethylphosphoramidocyanidate | (464-07-3)-1A2-MM |
| O-2,2-Dimethylbut-3-yl N,N-dipropylphosphoramidocyanidate | (464-07-3)-1A2-PP |
| O-2,2-Dimethylbut-3-yl N-isopropyl-N-propylphosphoramidocyanidate | (464-07-3)-1A2-IP |
| O-2,2-Dimethylbut-3-yl S-2-diethylaminoethyl methylphosphonothiolate | (464-07-3)-M1A3-EE |
| O-2,2-Dimethylcyclohexyl methylphosphonofluoridate | (69542-91-2)-M1A1 |
| O-2,2-Dimethylpropyl isopropylphosphonofluoridate | (75-84-3)-I1A1 |
| O-2,2-Dimethylpropyl methylphosphonofluoridate | 372-62-3 |
| O-2,2-Dimethylpropyl N,N-diisopropylphosphoramidocyanidate | (75-84-3)-1A2-II |
| O-2,2-Dimethylpropyl N-isopropyl-N-propylphosphoramidocyanidate | (75-84-3)-1A2-IP |
| O-2,2-Dimethylpropyl S-2-diethylaminoethyl ethylphosphonothiolate | (75-84-3)-E1A3-EE |
| O-2,2-Dimethylpropyl S-2-diethylaminoethyl methylphosphonothiolat | (75-84-3)-M1A3-EE |
| O-2,2-Dimethylpropyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (75-84-3)-E1A3-II |
| O-2,2-dimethylpropyl S-2-diisopropylaminoethyl methylphosphonothiolate | (75-84-3)-M1A3-II |
| O-2,2-Dimethylpropyl S-2-diisopropylaminoethyl methylphosphonothiolate, (-) | (75-84-3)-M1A3-II(-) |
| O-2,2-Dimethylpropyl S-2-dimethylaminoethyl ethylphosphonothiolate | (75-84-3)-E1A3-MM |
| O-2,2-Dimethylpropyl S-2-dimethylaminoethyl methylphosphonothiolate | (75-84-3)-M1A3-MM |
| O-2,2-Dimethylpropyl S-2-dipropylaminoethyl ethylphosphonothiolate | (75-84-3)-E1A3-PP |
| O-2,2-Dimethylpropyl S-2-dipropylaminoethyl methylphosphonothiolate | (75-84-3)-M1A3-PP |

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| O-2,3-Dimethyl-cyclohexyl 1-methylethylphosphonofluoridate | (1502-24-5)-I1A1 |
| O-2,3-dimethyl-cyclohexyl ethylphosphonofluoridate | (1502-24-5)-E1A1 |
| O-2,3-dimethyl-cyclohexyl methylphosphonofluoridate | (1502-24-5)-M1A1 |
| O-2,3-dimethyl-cyclohexyl propylphosphonofluoridate | (1502-24-5)-P1A1 |
| O-2,4,4-Trimethyl-pentyl 1-methylethylphosphonofluoridate | (16325-63-6)-I1A1 |
| O-2,4,4-trimethyl-pentyl ethylphosphonofluoridate | (16325-63-6)-E1A1 |
| O-2,4,4-trimethyl-pentyl methylphosphonofluoridate | (16325-63-6)-M1A1 |
| O-2,4,4-trimethyl-pentyl propylphosphonofluoridate | (16325-63-6)-P1A1 |
| O-2,4-Dimethyl-pent-3-yl 1-methylethylphosphonofluoridate | (600-36-2)-I1A1 |
| O-2,4-dimethyl-pent-3-yl ethylphosphonofluoridate | (600-36-2)-E1A1 |
| O-2,4-dimethyl-pent-3-yl propylphosphonofluoridate | (600-36-2)-P1A1 |
| O-2,4-Dimethylpent-3-yl N,N-diethylphosphoramidocyanidate | (600-36-2)-1A2-EE |
| O-2,4-Dimethylpent-3-yl N,N-diisopropylphosphoramidocyanidate | (600-36-2)-1A2-II |
| O-2,4-Dimethylpent-3-yl N,N-dimethylphosphoramidocyanidate | (600-36-2)-1A2-MM |
| O-2,4-Dimethylpent-3-yl N,N-dipropylphosphoramidocyanidate | (600-36-2)-1A2-PP |
| O-2,4-Dimethylpent-3-yl N-isopropyl-N-propylphosphoramidocyanidate | (600-36-2)-1A2-IP |
| O-2,5-Dimethylcyclohexyl methylphosphonofluoridate | (3809-32-3)-M1A1 |
| O-2,6-Dimethyl-cyclohexyl 1-methylethylphosphonofluoridate | (5337-72-4)-I1A1 |
| O-2,6-dimethyl-cyclohexyl methylphosphonofluoridate | (5337-72-4)-M1A1 |
| O-2,6-dimethyl-cyclohexyl propylphosphonofluoridate | (5337-72-4)-P1A1 |
| O-2,6-dimethyl-cyclohexyl ethylphosphonofluoridate | (5337-72-4)-E1A1 |
| O-2,6-Dimethyl-hept-4-yl 1-methylethylphosphonofluoridate | (108-82-7)-I1A1 |
| O-2,6-dimethyl-hept-4-yl methylphosphonofluoridate | (108-82-7)-M1A1 |
| O-2,6-dimethyl-hept-4-yl propylphosphonofluoridate | (108-82-7)-P1A1 |
| O-2,6-Dimethylcyclohexyl N,N-diethylphosphoramidocyanidate | (5337-72-4)-1A2-EE |
| O-2,6-Dimethylcyclohexyl N,N-diisopropylphosphoramidocyanidate | (5337-72-4)-1A2-II |
| O-2,6-Dimethylcyclohexyl N,N-dimethylphosphoramidocyanidate | (5337-72-4)-1A2-MM |
| O-2,6-Dimethylcyclohexyl N,N-dipropylphosphoramidocyanidate | (5337-72-4)-1A2-PP |
| O-2,6-Dimethylcyclohexyl N-isopropyl-N-propylphosphoramidocyanidate | (5337-72-4)-1A2-IP |
| O-2,6-Dimethylhept-3-yl methylphosphonofluoridate | 193090-16-3 |
| O-2-Cyclohexyl-ethyl 1-methylethylphosphonofluoridate | (4442-79-9)-I1A1 |
| O-2-cyclohexyl-ethyl propylphosphonofluoridate | (4442-79-9)-P1A1 |
| O-2-Cyclohexylethyl ethylphosphonofluoridate | (4442-79-9)-E1A1 |
| O-2-cyclohexylethyl methylphosphonofluoridate | (4442-79-9)-M1A1 |
| O-2-Cyclopentylethyl methylphosphonofluoridate | (766-00-7)-M1A1 |
| O-2-Ethyl-cyclohexyl 1-methylethylphosphonofluoridate | (3760-20-1)-I1A1 |
| O-2-ethyl-cyclohexyl ethylphosphonofluoridate | (3760-20-1)-E1A1 |
| O-2-ethyl-cyclohexyl propylphosphonofluoridate | (3760-20-1)-P1A1 |
| O-2-Ethyl-hexyl 1-methylethylphosphonofluoridate | (104-76-7)-I1A1 |
| O-2-ethyl-hexyl propylphosphonofluoridate | (104-76-7)-P1A1 |
| O-2-Ethylbutyl ethylphosphonofluoridate | (97-95-0)-E1A1 |
| O-2-Ethylbutyl isopropylphosphonofluoridate | (97-95-0)-I1A1 |
| O-2-Ethylbutyl methylphosphonofluoridate | 126204-48-6 |
| O-2-Ethylbutyl propylphosphonofluoridate | (97-95-0)-P1A1 |
| O-2-ethylcyclohexyl methylphosphonofluoridate | (3760-20-1)-M1A1 |
| O-2-Ethylhexyl ethylphosphonofluoridate | (104-76-7)-E1A1 |
| O-2-Ethylhexyl methylphosphonofluoridate | 458-71-9 |

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| O-2-isopropyl-5-methylcyclohexyl methylphosphonofluoridate | (89-78-1)-M1A1 |
| O-2-methyl-cyclopentyl 1-methylethylphosphonofluoridate | (24070-77-7)-I1A1 |
| O-2-methyl-cyclopentyl ethylphosphonofluoridate | (24070-77-7)-E1A1 |
| O-2-methyl-cyclopentyl methylphosphonofluoridate | (24070-77-7)-M1A1 |
| O-2-methyl-cyclopentyl propylphosphonofluoridate | (24070-77-7)-P1A1 |
| O-2-methyl-hex-3-yl 1-methylethylphosphonofluoridate | (617-29-8)-I1A1 |
| O-2-methyl-hex-3-yl methylphosphonofluoridate | (617-29-8)-M1A1 |
| O-2-methyl-hexl-3-yl ethylphosphonofluoridate | (617-29-8)-E1A1 |
| O-2-Methylbutyl ethylphosphonofluoridate | (137-32-6)-E1A1 |
| O-2-Methylbutyl isopropylphosphonofluoridate | (137-32-6)-I1A1 |
| O-2-Methylbutyl methylphosphonofluoridate | (137-32-6)-M1A1 |
| O-2-Methylbutyl propylphosphonofluoridate | (137-32-6)-P1A1 |
| O-2-Methylbutyl S-2-diethylaminoethyl ethylphosphonothiolate | (137-32-6)-E1A3-EE |
| O-2-Methylbutyl S-2-diethylaminoethyl methylphosphonothiolate | (137-32-6)-M1A3-EE |
| O-2-Methylbutyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (137-32-6)-E1A3-II |
| O-2-Methylbutyl S-2-diisopropylaminoethyl methylphosphonothiolate | (137-32-6)-M1A3-II |
| O-2-Methylbutyl S-2-dimethylaminoethyl ethylphosphonothiolate | (137-32-6)-M1A3-MM |
| O-2-Methylbutyl S-2-dipropylaminoethyl ethylphosphonothiolate | (137-32-6)-E1A3-PP |
| O-2-Methylbutyl S-2-dipropylaminoethyl methylphosphonothiolate | (137-32-6)-M1A3-PP |
| O-2-Methylcyclohexyl ethylphosphonofluoridate | (583-59-5)-E1A1 |
| O-2-Methylcyclohexyl isopropylphosphonofluoridate | (583-59-5)-I1A1 |
| O-2-Methylcyclohexyl methylphosphonofluoridate | 85473-32-1 |
| O-2-Methylcyclohexyl propylphosphonofluoridate | (583-59-5)-P1A1 |
| O-2-methyl-hex-3-yl propylphosphonofluoridate | (617-29-8)-P1A1 |
| O-2-methylpentyl S-[2-(diethylamino)ethyl]- ethylphosphonothiolate | (105-30-6)-E1A3-MM |
| O-2-Methylpentyl ethylphosphonofluoridate | (105-30-6)-E1A1 |
| O-2-Methylpentyl isopropylphosphonofluoridate | (105-30-6)-I1A1 |
| O-2-Methylpentyl methylphosphonofluoridate | (105-30-6)-M1A1 |
| O-2-Methylpentyl propylphosphonofluoridate | (105-30-6)-P1A1 |
| O-2-methylpentyl S-[2-(diethylamino)ethyl] methylphosphonothiolate | (105-30-6)-M1A3-EE |
| O-2-methylpentyl S-[2-(diethylamino)ethyl]- ethylphosphonothiolate | (105-30-6)-E1A3-EE |
| O-2-methylpentyl S-[2-(dimethylamino)ethyl] methylphosphonothiolate | (105-30-6)-M1A3-MM |
| O-2-methylpentyl S-[2-(dimethylamino)ethyl] ethylphosphonothiolate | (105-30-6)-M1A3-PP |
| O-2-methylpentyl S-[2-[bis-(1-methylethyl)amino]ethyl] methylphosphonothiolate | (105-30-6)-M1A3-II |
| O-2-methylpentyl S-[2-[bis-(1-methylethyl)amino]ethyl] ethylphosphonothiolate | (105-30-6)-E1A3-II |
| O-2-Methylpropyl N,N-diethylphosphoramidocyanidate | (78-83-1)-1A2-EE |
| O-2-Methylpropyl N,N-diisopropylphosphoramidocyanidate | (78-83-1)-1A2-II |
| O-2-Methylpropyl N,N-dimethylphosphoramidocyanidate | 162085-88-3 |
| O-2-Methylpropyl N,N-dipropylphosphoramidocyanidate | (78-83-1)-1A2-PP |
| O-2-Methylpropyl N-ethyl-N-isopropylphosphoramidocyanidate | (78-83-1)-1A2-EI |
| O-2-Methylpropyl N-ethyl-N-methylphosphoramidocyanidate | (78-83-1)-1A2-EM |
| O-2-Methylpropyl N-ethyl-N-propylphosphoramidocyanidate | (78-83-1)-1A2-EP |
| O-2-Methylpropyl N-isopropyl-N-methylphosphoramidocyanidate | (78-83-1)-1A2-IM |
| O-2-Methylpropyl N-isopropyl-N-propylphosphoramidocyanidate | (78-83-1)-1A2-IP |
| O-2-Methylpropyl N-methyl-N-propylphosphoramidocyanidate | (78-83-1)-1A2-MP |
| O-2-Methylpropyl S-2-diethylaminoethyl ethylphosphonothiolate | (78-83-1)-E1A3-EE |
| O-2-propyl-pentyl 1-methylethylphosphonofluoridate | (58175-57-8)-I1A1 |
| O-2-propyl-pentyl ethylphosphonofluoridate | (58175-57-8)-E1A1 |
| O-2-propyl-pentyl methylphosphonofluoridate | (58175-57-8)-M1A1 |
| O-2-propyl-pentyl propylphosphonofluoridate | (58175-57-8)-P1A1 |
| O-2-tert-butylcyclohexyl ethylphosphonofluoridate | (13491-79-7)-E1A1 |
| O-3,3-dimethylbut-2-yl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (464-07-3)-E1A3-MM |

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| O-3,3-dimethylbut-2-yl S-[2-(diethylamino)ethyl]-l ethylphosphonothiolate | (464-07-3)-E1A3-EE |
| O-3,3-dimethylbut-2-yl S-[2-[bis-(1-methylethyl)amino]-ethyl] methylphosphonothiolate | (464-07-3)-M1A3-II |
| O-3,3-dimethylbut-2-yl S-[2-(dipropylamino)ethyl] ethylphosphonothiolate | (464-07-3)-E1A3-PP |
| O-3,3-dimethylbut-2-yl S-[2-(dipropylamino)ethyl] methylphosphonothiolate | (464-07-3)-M1A3-PP |
| O-3,3-dimethylbut-2-yl S-[2-[bis-(1-methylethyl)amino]ethyl] ethylphosphonothiolate | (464-07-3)-E1A3-II |
| O-3,3-Dimethylbutyl ethylphosphonofluoridate | (624-95-3)-E1A1 |
| O-3,3-Dimethylbutyl isopropylphosphonofluoridate | (624-95-3)-I1A1 |
| O-3,3-Dimethylbutyl methylphosphonofluoridate | 660-21-9 |
| O-3,3-Dimethylbutyl propylphosphonofluoridate | (624-95-3)-P1A1 |
| O-3,5,5-trimethyl-hexyl 1-methylethylphosphonofluoridate | (3452-97-9)-I1A1 |
| O-3,5,5-trimethyl-hexyl propylphosphonofluoridate | (3452-97-9)-P1A1 |
| O-3,5,5-Trimethylhexyl ethylphosphonofluoridate | (3452-97-9)-E1A1 |
| O-3,5,5-trimethylhexyl methylphosphonofluoridate | (3452-97-9)-M1A1 |
| O-3,5,5-trimethylhexyl S-2-(diisopropylamino)ethyl propylphosphonothiolate | (3452-97-9)-P1A3-II |
| O-3,5,5-trimethylhexyl S-2-(dimethylamino)ethyl propylphosphonothiolate | (3452-97-9)-P1A3-MM |
| O-3,5-dimethyl-cyclohexyl 1-methylethylphosphonofluoridate | (5441-52-1)-I1A1 |
| O-3,5-dimethyl-cyclohexyl propylphosphonofluoridate | (5441-52-1)-P1A1 |
| O-3,5-dimethyl-cyclohexyl ethylphosphonofluoridate | (5441-52-1)-E1A1 |
| O-3,5-dimethylcyclohexyl methylphosphonofluoridate | (5441-52-1)-M1A1 |
| O-3,7-dimethyl-octyl 1-methylethylphosphonofluoridate | (106-21-8)-I1A1 |
| O-3,7-dimethyl-octyl ethylphosphonofluoridate | (106-21-8)-E1A1 |
| O-3,7-dimethyloctyl methylphosphonofluoridate | (106-21-8)-M1A1 |
| O-3,7-dimethyloctyl propylphosphonofluoridate | (106-21-8)-P1A1 |
| O-3-cyclohexyl-propyl 1-methylethylphosphonofluoridate | (1124-63-6)-I1A1 |
| O-3-cyclohexyl-propyl ethylphosphonofluoridate | (1124-63-6)-E1A1 |
| O-3-cyclohexyl-propyl methylphosphonofluoridate | (1124-63-6)-M1A1 |
| O-3-cyclohexyl-propyl propylphosphonofluoridate | (1124-63-6)-P1A1 |
| O-3-cyclopentyl-propyl 1-methylethylphosphonofluoridate | (767-05-5)-I1A1 |
| O-3-cyclopentyl-propyl ethylphosphonofluoridate | (767-05-5)-E1A1 |
| O-3-cyclopentyl-propyl methylphosphonofluoridate | (767-05-5)-M1A1 |
| O-3-cyclopentyl-propyl propylphosphonofluoridate | (767-05-5)-P1A1 |
| O-3-Methylbutyl ethylphosphonofluoridate | (123-51-3)-E1A1 |
| O-3-methyl, dec-2-yl 1-methylethylphosphonofluoridate | (1120-06-5)-I1A1 |
| O-3-methyl-1-(2-methylpropyl)butyl ethylphosphonofluoridate | (108-82-7)-E1A1 |
| O-3-methyl-cyclohexyl 1-methylethylphosphonofluoridate | (591-23-1)-I1A1 |
| O-3-methyl-cyclohexyl ethylphosphonofluoridate | (591-23-1)-E1A1 |
| O-3-methyl-cyclopentyl 1-methylethyl phosphonofluoridate | (18729-48-1)-I1A1 |
| O-3-methyl-cyclopentyl ethylphosphonofluoridate | (18729-48-1)-E1A1 |
| O-3-methyl-cyclopentyl methylphosphonofluoridate | (18729-48-1)-M1A1 |
| O-3-methyl-cyclopentyl phosphonofluoridate | (18729-48-1)-HA1 |
| O-3-methyl-pent-2-yl 1-methylethyl phosphonofluoridate | (565-60-6)-I1A1 |
| O-3-methyl-pent-2-yl ethylphosphonofluoridate | (565-60-6)-E1A1 |
| O-3-methyl-pent-2-yl methylphosphonofluoridate | (565-60-6)-M1A1 |
| O-3-methyl-pent-2-yl propylphosphonofluoridate | (565-60-6)-P1A1 |
| O-3-Methylbut-2-yl N,N-diisopropylphosphoramidocyanidate | (598-75-4)-1A2-II |
| O-3-Methylbutyl isopropylphosphonofluoridate | (123-51-3)-I1A1 |
| O-3-Methylbutyl methylphosphonofluoridate | (123-51-3)-M1A1 |

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| O-3-Methylbutyl S-2-diethylaminoethyl ethylphosphonothiolate | (123-51-3)-E1A3-EE |
| O-3-methylpent-2-yl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (565-60-6)-E1A3-MM |
| O-3-methylpent-2-yl S-[2-(diethylamino)ethyl] methylphosphonothiolate | (565-60-6)-M1A3-EE |
| O-3-methylpent-2-yl S-[2-(diethylamino)ethyl]- ethylphosphonothiolate | (565-60-6)-E1A3-EE |
| O-3-methylpent-2-yl S-[2-(dimethylamino)ethyl]-methylphosphonothiolate | (565-60-6)-M1A3-MM |
| O-3-methylpent-2-yl S-[2-(dipropylamino)ethyl] methylphosphonothiolate | (565-60-6)-M1A3-PP |
| O-3-methylpent-2-yl S-[2-(dipropylamino)ethyl] ethylphosphonothiolate | (565-60-6)-E1A3-PP |
| O-3-methylpent-2-yl S-[2-[bis-(1-methylethyl)amino]-ethyl] methylphosphonothiolate | (565-60-6)-M1A3-II |
| O-3-methylpent-2yl S-[2-bis-(1-methylethyl)amino]ethyl] ethylphosphonothiolate | (565-60-6)-E1A3-II |
| O-3-Methylpentyl ethylphosphonofluoridate | (589-35-5)-E1A1 |
| O-3-Methylpentyl isopropylphosphonofluoridate | (589-35-5)-I1A1 |
| O-3-Methylpentyl methylphosphonofluoridate | 199850-60-7 |
| O-4,4-dimethyl-pent-2-yl 1-methylethyl phosphonofluoridate | (6144-93-0)-I1A1 |
| O-4,4-dimethyl-pent-2-yl ethylphosphonofluoridate | (6144-93-0)-E1A1 |
| O-4,4-dimethyl-pent-2-yl propylphosphonofluoridate | (6144-93-0)-P1A1 |
| O-4-ethyl-cyclohexyl 1-methylethylphosphonofluoridate | (4534-74-1)-I1A1 |
| O-4-ethyl-cyclohexyl propylphosphonofluoridate | (4534-74-1)-P1A1 |
| O-4-ethyl-cyclohexyl ethylphosphonofluoridate | (4534-74-1)-E1A1 |
| O-4-ethyl-cyclohexyl methylphosphonofluoridate | (4534-74-1)-M1A1 |
| O-4-methyl-cyclohexyl 1-methylethylphosphonofluoridate | (589-91-3)-I1A1 |
| O-4-methyl-cyclohexyl ethylphosphonofluoridate | (589-91-3)-E1A1 |
| O-4-methyl-hept-3-yl 1-methylethylphosphonofluoridate | (14979-39-6)-I1A1 |
| O-4-methyl-hept-3-yl ethylphosphonofluoridate | (14979-39-6)-E1A1 |
| O-4-methyl-hept-3-yl methylphosphonofluoridate | (14979-39-6)-M1A1 |
| O-4-methyl-hept-3-yl propylphosphonofluoridate | (14979-39-6)-P1A1 |
| O-4-Methylcyclohexyl methylphosphonofluoridate | 113548-87-1 |
| O-4-Methylpent-2-yl N,N-diisopropylphosphoramidocyanidate | (108-11-2)-1A2-II |
| O-4-Methylpentyl ethylphosphonofluoridate | (626-89-1)-E1A1 |
| O-4-Methylpentyl isopropylphosphonofluoridate | (626-89-1)-I1A1 |
| O-4-Methylpentyl methylphosphonofluoridate | (626-89-1)-M1A1 |
| O-5-methyl-hex-2-yl 1-methylethyl phosphonofluoridate | (627-59-8)-I1A1 |
| O-5-methyl-hex-2-yl ethylphosphonofluoridate | (627-59-8)-E1A1 |
| O-5-methyl-hex-2-yl methylphosphonofluoridate | (627-59-8)-M1A1 |
| O-5-methyl-hex-2-yl propylphosphonofluoridate | (627-59-8)-P1A1 |
| O-6-methyl-hept-2-yl 1-methylethyl phosphonofluoridate | (4730-22-7)-I1A1 |
| O-6-methyl-hept-2-yl propylphosphonofluoridate | (4730-22-7)-P1A1 |
| O-6-methyl-hept-2-yl ethylphosphonofluoridate | (4730-22-7)-E1A1 |
| O-But-2-yl N,N-diethylphosphoramidocyanidate | (78-92-2)-1A2-EE |
| O-But-2-yl N,N-diisopropylphosphoramidocyanidate | (78-92-2)-1A2-II |
| O-But-2-yl N,N-dimethylphosphoramidocyanidate | 162085-89-4 |
| O-But-2-yl N,N-dipropylphosphoramidocyanidate | (78-92-2)-1A2-PP |
| O-But-2-yl N-ethyl-N-isopropylphosphoramidocyanidate | (78-92-2)-1A2-EI |
| O-But-2-yl N-ethyl-N-methylphosphoramidocyanidate | (78-92-2)-1A2-EM |
| O-But-2-yl N-ethyl-N-propylphosphoramidocyanidate | (78-92-2)-1A2-EP |
| O-But-2-yl N-isopropyl-N-methylphosphoramidocyanidate | (78-92-2)-1A2-IM |
| O-But-2-yl N-isopropyl-N-propylphosphoramidocyanidate | (78-92-2)-1A2-IP |
| O-But-2-yl N-methyl-N-propylphosphoramidocyanidate | (78-92-2)-1A2-MP |
| O-but-2-yl S-[2-(dimethylamino)ethyl] methylphosphonothiolate | (78-92-2)-M1A3-MM |
| O-Butyl ethylphosphonofluoridate | 18358-34-4 |
| O-Butyl isopropylphosphonofluoridate | (71-36-3)-I1A1 |
| O-Butyl methylphosphonofluoridate | 352-63-6 |
| O-Butyl N,N-diethylphosphoramidocyanidate | (71-36-3)-1A2-EE |

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| O-Butyl N,N-diisopropylphosphoramidocyanidate | (71-36-3)-1A2-II |
| O-Butyl N,N-dimethylphosphoramidocyanidate | 162085-87-2 |
| O-Butyl N,N-dipropylphosphoramidocyanidate | (71-36-3)-1A2-PP |
| O-Butyl N-ethyl-N-isopropylphosphoramidocyanidate | (71-36-3)-1A2-EI |
| O-Butyl N-ethyl-N-methylphosphoramidocyanidate | (71-36-3)-1A2-EM |
| O-Butyl N-ethyl-N-propylphosphoramidocyanidate | (71-36-3)-1A2-EP |
| O-Butyl N-isopropyl-N-methylphosphoramidocyanidate | (71-36-3)-1A2-IM |
| O-Butyl N-isopropyl-N-propylphosphoramidocyanidate | (71-36-3)-1A2-IP |
| O-Butyl N-methyl-N-propylphosphoramidocyanidate | (71-36-3)-1A2-MP |
| O-Butyl propylphosphonofluoridate | (71-36-3)-P1A1 |
| O-Butyl S-[2-(diethylamino)ethyl] ethylphosphonothioate | (71-36-3)-E1A3-EE |
| O-Butyl S-[2-(diethylamino)ethyl] methylphosphonothioate | (71-36-3)-M1A3-EE |
| O-Butyl S-[2-(diisopropylamino)ethyl] methylphosphonothioate | 52364-46-2 |
| O-Butyl S-[2-(dimethylamino)ethyl] ethylphosphonothioate | (71-36-3)-E1A3-MM |
| O-Butyl S-[2-(dipropylamino)ethyl] methylphosphonothioate | (71-36-3)-M1A3-PP |
| O-Butyl S-2-diethylaminoethyl ethylphosphonothiolate | (71-36-3)-E1A3-EE |
| O-Butyl S-2-diethylaminoethyl methylphosphonothiolate | (71-36-3)-M1A3-EE |
| O-Butyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (71-36-3)-E1A3-II |
| O-Butyl S-2-diisopropylaminoethyl methylphosphonothiolate | 52364-46-2 |
| O-Butyl S-2-diisopropylaminoethyl propylphosphonothiolate | (71-36-3)-P1A3-II |
| O-Butyl S-2-dimethylaminoethyl ethylphosphonothiolate | (71-36-3)-E1A3-MM |
| O-Butyl S-2-dipropylaminoethyl ethylphosphonothiolate | (71-36-3)-E1A3-PP |
| O-Butyl S-2-dipropylaminoethyl methylphosphonothiolate | (71-36-3)-M1A3-PP |
| O-cycloheptyl 1-methylethylphosphonofluoridate | (502-41-0)-I1A1 |
| O-Cycloheptyl ethylphosphonofluoridate | (502-41-0)-E1A1 |
| O-Cycloheptyl N,N-diethylphosphoramidocyanidate | (502-41-0)-1A2-EE |
| O-Cycloheptyl N,N-diisopropylphosphoramidocyanidate | (502-41-0)-1A2-II |
| O-Cycloheptyl N,N-dimethylphosphoramidocyanidate | (502-41-0)-1A2-MM |
| O-Cycloheptyl N,N-dipropylphosphoramidocyanidate | (502-41-0)-1A2-PP |
| O-Cyclohexyl ethylphosphonofluoridate | 7284-84-6 |
| O-Cyclohexyl isopropylphosphonofluoridate | (108-93-0)-I1A1 |
| O-Cyclohexyl methylphosphonofluoridate | 329-99-7 |
| O-cyclohexyl N,N-diisopropylphosphoramidocyanidate | (1193-81-3)-1A2-II |
| O-Cyclohexyl N,N-diethylphosphoramidocyanidate | (108-93-0)-1A2-EE |
| O-Cyclohexyl N,N-dimethylphosphoramidocyanidate | (108-93-0)-1A2-MM |
| O-Cyclohexyl N,N-dipropylphosphoramidocyanidate | (108-93-0)-1A2-PP |
| O-Cyclohexyl N-isopropyl-N-propylphosphoramidocyanidate | (108-93-0)-1A2-IP |
| O-Cyclohexyl propylphosphonofluoridate | 28364-21-8 |
| O-cyclohexyl S-[2-(Diethylamino)ethyl] methylphosphonothioate | 71293-89-5 |
| O-cyclohexyl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (108-93-0)-E1A3-EE |
| O-cyclohexyl S-[2-(dimethylamino)ethyl] ethylphosphonothiolate | (108-93-0)-E1A3-MM |
| O-cyclohexyl S-[2-(dipropylamino)ethyl] methylphosphonothiolate | (108-93-0)-M1A3-PP |
| O-cyclohexyl S-[2-(dipropylamino)ethyl] ethylphosphonothiolate | (108-93-0)-E1A3-PP |
| O-cyclohexyl S-[2-[bis-(1-methylethyl)amino]-ethyl] methylphosphonothiolate | (108-93-0)-M1A3-II |
| O-cyclohexyl S-[2-[bis-(1-methylethyl)amino]ethyl] ethylphosphonothiolate | (108-93-0)-E1A3-II |
| O-Cyclohexyl S-2-diethylaminoethyl methylphosphonothiolate | 71293-89-5 |
| O-cyclohexyl-methyl ethylphosphonofluoridate | (100-49-2)-E1A1 |
| O-cyclohexyl-methyl methylphosphonofluoridate | (100-49-2)-M1A1 |
| O-Cyclohexylmethyl isopropylphosphonofluoridate | (100-49-2)-I1A1 |
| O-Cyclohexylmethyl propylphosphonofluoridate | (100-49-2)-P1A1 |
| O-Cyclohexylmethyl S-2-(dimethylamino)ethyl propylphosphonothiolate | (100-49-2)-P1A3-MM |
| O-Cyclohexylmethyl S-2-diisopropylaminoethylethyl isopropylphosphonothiolate | (100-49-2)-I1A3-II |
| O-Cyclohexylmethyl S-2-diisopropylaminoethylethyl propylphosphonothiolate | (100-49-2)-P1A3-II |
| O-Cyclohexylmethyl S-2-isopropylmethylaminoethyl isopropylphosphonothiolate | (100-49-2)-I1A3-IM |

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| O-cyclooctyl 1-methylethylphosphonofluoridate | (696-71-9)-I1A1 |
| O-cyclooctyl ethylphosphonofluoridate | (696-71-9)-E1A1 |
| O-Cyclooctyl methylphosphonofluoridate | 14719-38-1 |
| O-Cyclooctyl N,N-dimethylphosphoramidocyanidate | (696-71-9)-1A2-MM |
| O-Cyclooctyl N,N-dipropylphosphoramidocyanidate | (696-71-9)-1A2-PP |
| O-cyclooctyl NN,-diisopropylphosphoramidocyanidate | (696-71-9)-1A2-II |
| O-Cyclopentyl methylphosphonofluoridate | 7284-82-4 |
| O-Cyclopentyl ethylphosphonofluoridate | (96-41-3)-E1A1 |
| O-Cyclopentyl isopropylphosphonofluoridate | (96-41-3)-I1A1 |
| O-Cyclopentyl methylphosphonofluoridate | 38184-39-3 |
| O-cyclopentyl N,N-dipropylphosphoramidocyanidate | (96-41-3)-1A2-PP |
| O-Cyclopentyl O-2-diisopropylaminoethyl methylphosphonite | (96-41-3)-M1B10-II |
| O-cyclopentyl propylphosphonofluoridate | (502-41-0)-P1A1 |
| O-Cyclopentyl propylphosphonofluoridate | (96-41-3)-P1A1 |
| O-Cyclopentyl S-[2-(diethylamino)ethyl] methylphosphonothioate | 93240-66-5 |
| O-Cyclopentyl S-[2-(diisopropylamino)ethyl] methylphosphonothioate | 85473-33-2 |
| O-Cyclopentyl S-[2-(dimethylamino)ethyl] ethylphosphonothioate | (96-41-3)-E1A3-MM |
| O-Cyclopentyl S-[2-(dimethylamino)ethyl] methylphosphonothioate | 22925-98-0 |
| O-Cyclopentyl S-[2-(dipropylamino)ethyl] methylphosphonothioate | (96-41-3)-M1A3-PP |
| O-cyclopentyl S-2-(diethylamino)ethyl ethylphosphonothiolate | (96-41-3)-E1A3-EE |
| O-Cyclopentyl S-2-diethylaminoethyl methylphosphonothiolate | 93240-66-5 |
| O-Cyclopentyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (96-41-3)-E1A3-II |
| O-Cyclopentyl S-2-diisopropylaminoethyl methylphosphonothiolate | 85473-33-2 |
| O-Cyclopentyl S-2-dimethylaminoethyl ethylphosphonothiolate | (96-41-3)-E1A3-MM |
| O-Cyclopentyl S-2-dimethylaminoethyl methylphosphonothiolate | 22925-98-0 |
| O-Cyclopentyl S-2-dipropylaminoethyl methylphosphonothiolate | (96-41-3)-M1A3-PP |
| O-cyclopentyl-methyl | (3637-61-4)-I1A1 |
| 1-methylethylphosphonofluoridate | |
| O-cyclopentyl-methyl ethylphosphonofluoridate | (3637-61-4)-E1A1 |
| O-cyclopentyl-methyl methylphosphonofluoridate | (3637-61-4)-M1A1 |
| O-cyclopentyl-methyl propylphosphonofluoridate | (3637-61-4)-P1A1 |
| O-dec-2-yl ethylphosphonofluoridate | (1120-06-5)-E1A1 |
| O-dec-2-yl methylphosphonofluoridate | (1120-06-5)-M1A1 |
| O-decyl propylphosphonofluoridate | (112-30-1)-P1A1 |
| O-decyl S-[2-[bis-(1-methylethyl)amino]-ethyl] methylphosphonothiolate | (112-30-1)-M1A3-II |
| O-decyl 1-methylethylphosphonofluoridate | (112-30-1)-I1A1 |
| O-decyl ethylphosphonofluoridate | (112-30-1)-E1A1 |
| O-Decyl methylphosphonofluoridate | 193090-25-4 |
| O-Decyl N,N-diisopropylphosphoramidocyanidate | (112-30-1)-1A2-II |
| O-Decyl N-isopropyl-N-propylphosphoramidocyanidate | (112-30-1)-1A2-IP |
| O-decyl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (112-30-1)-E1A3-MM |
| O-decyl S-[2-(diethylamino)ethyl] methylphosphonothiolate | (112-30-1)-M1A3-EE |
| O-decyl S-[2-(diethylamino)ethyl]- ethylphosphonothiolate | (112-30-1)-E1A3-EE |
| O-decyl S-[2-(dimethylamino)ethyl] methylphosphonothiolate | (112-30-1)-M1A3-MM |
| O-decyl S-[2-(dipropylamino)ethyl] methylphosphonothiolate | (112-30-1)-M1A3-PP |
| O-decyl S-[2-(dipropylamino)ethyl] ethylphosphonothiolate | (112-30-1)-E1A3-PP |
| O-decyl S-[2-bis-(1-methylethyl)amino]ethyl ethylphosphonothiolate | (112-30-1)-E1A3-II |
| O-Ethyl (chloromethyl)thiophosphonate | 2524-16-5 |
| O-Ethyl chloromethylphosphonate | 5284-09-3 |
| O-Ethyl ethanephosphonothionochloridate | 1497-68-3 |
| O-Ethyl ethylphosphonochloridothioate | 1497-68-3 |
| O-Ethyl ethylphosphonochloridothionate | 1497-68-3 |
| O-Ethyl ethylphosphonofluoridate | 650-20-4 |
| O-Ethyl ethylthiophosphonyl chloride | 1497-68-3 |

| <i>Name</i> | <i>Key/CAS</i> |
|---|------------------------|
| O-Ethyl hydrogen methylphosphonothioate | 23023-47-4 |
| O-Ethyl hydrogen methylphosphonothioate | 18005-40-8 |
| O-Ethyl hydrogen methylphosphonothiolate | 23023-47-4 |
| O-Ethyl hydrogen methylphosphonothionate | 18005-40-8 |
| O-Ethyl isopropylphosphonofluoridate | 1426-08-0 |
| O-Ethyl methanephosphonothionochloridate | 2524-16-5 |
| O-Ethyl methylphosphonochloridothioate | 2524-16-5 |
| O-Ethyl methylphosphonochloridothionate | 2524-16-5 |
| O-Ethyl methylphosphonofluoridate | 673-97-2 |
| O-Ethyl methylphosphonothioate | 18005-40-8 |
| O-Ethyl methylthiophosphonate | 18005-40-8 |
| O-Ethyl N,N-diethylphosphoramidocyanidate | 63815-60-1 |
| O-Ethyl N,N-diisopropylphosphoramidocyanidate | (64-17-5)-1A2-II |
| O-Ethyl N,N-dimethylphosphoramidocyanidate | 77-81-6 |
| O-Ethyl N,N-dipropylphosphoramidocyanidate | (64-17-5)-1A2-PP |
| O-ethyl N,N-methyl-isopropyl-phosphoramidocyanidate | (64-17-5)-1A2-MI |
| O-ethyl N,N-methylethyl-phosphoramidocyanidate | (64-17-5)-1A2-ME |
| O-Ethyl N-ethyl-N-isopropylphosphoramidocyanidate | (64-17-5)-1A2-EI |
| O-Ethyl N-ethyl-N-methylphosphoramidocyanidate | (64-17-5)-1A2-EM |
| O-Ethyl N-ethyl-N-propylphosphoramidocyanidate | (64-17-5)-1A2-EP |
| O-Ethyl N-isopropyl-N-methylphosphoramidocyanidate | (64-17-5)-1A2-IM |
| O-Ethyl N-isopropyl-N-propylphosphoramidocyanidate | (64-17-5)-1A2-IP |
| O-ethyl N-methyl-N-propylphosphoramidocyanidate | (64-17-5)-1A2-MP |
| O-Ethyl O-2-diisopropylaminoethyl methylphosphonite | 57856-11-8 |
| O-Ethyl propylphosphonofluoridate | (64-17-5)-P1A1 |
| O-Ethyl S-(2-diethylaminoethyl) methylthiophosphonate | 21770-86-5 |
| O-Ethyl S-(2-diisopropylaminoethyl) methylphosphonothioate | 50782-69-9 |
| O-Ethyl S-(2-diisopropylaminoethyl) methylthiophosphonate | 50782-69-9 |
| O-Ethyl S-(2-dimethylaminoethyl) methylphosphonothioate | 20820-80-8 |
| O-Ethyl S-(dimethylaminoethyl) methylphosphonothioate | 20820-80-8 |
| O-Ethyl S-{2-[isopropyl(methyl)amino]ethyl} methylphosphonothioate | (64-17-5)-M1A3-IM |
| O-Ethyl S-2- (diethylmethylammonium)ethyl Ethylphosphonothiolate iodide | (64-17-5)-E1A3-MEE(I-) |
| O-Ethyl S-2- (diethylmethylammonium)ethyl Methylphosphonothiolate iodide | (64-17-5)-M1A3-MEE(I-) |
| O-Ethyl S-2- (diisopropylmethylammonium) ethyl Methylphosphonothiolate iodide | (64-17-5)-M1A3-MII(I-) |
| O-Ethyl S-2- (dimethylisopropylammonium) ethyl Methylphosphonothiolate iodide | (64-17-5)-M1A3-MMI(I-) |
| O-ethyl S-2-(diethylmethylammonium)ethyl ethylphosphonothiolate iodide | (64-17-5)-E1A3-MEE(I-) |
| O-ethyl S-2-(diethylmethylammonium)ethyl methylphosphonothiolate iodide | (64-17-5)-M1A3-MEE(I-) |
| O-ethyl S-2-(diisopropylmethylammonium) ethyl methylphosphonothiolate iodide | (64-17-5)-M1A3-MII(I-) |
| O-Ethyl S-2-(dimethylethylammonium)ethyl Methylphosphonothiolate iodide | (64-17-5)-M1A3-MME(I-) |
| O-ethyl S-2-(dimethylisopropylammonium)ethyl methylphosphonothiolate iodide | (64-17-5)-M1A3-MMI(I-) |
| O-ethyl S-2-(triethylammonium)ethyl methylphosphonothiolate iodide | (64-17-5)-M1A3-EEE(I-) |
| O-ethyl S-2-(trimethylammonium)ethyl ethylphosphonothiolate iodide | (64-17-5)-E1A3-MMM(I-) |
| O-ethyl S-2-(trimethylammonium)ethyl Isopropylphosphonothiolate iodide | (64-17-5)-I1A3-MMM(I-) |
| O-ethyl S-2-(trimethylammonium)ethyl methylphosphonothiolate iodide | (64-17-5)-M1A3-MMM(I-) |
| O-Ethyl S-2-diethylaminoethyl ethylphosphonothiolate, oxalate | 108302-04-1 |
| O-Ethyl S-2-diethylaminoethyl isopropylphosphonothiolate | 99991-06-7 |
| O-Ethyl S-2-diethylaminoethyl methylphosphonothiolate | 21770-86-5 |
| O-Ethyl S-2-diethylaminoethyl propylphosphonothiolate | 999991-07-8 |
| O-Ethyl S-2-diisopropylaminoethyl ethylphosphonothiolate | 73835-17-3 |
| O-Ethyl S-2-diisopropylaminoethyl isopropylphosphonothiolate | (64-17-5)-I1A3-II |
| O-Ethyl S-2-diisopropylaminoethyl methyl phosphonothiolate | 50782-69-9 |
| O-Ethyl S-2-diisopropylaminoethyl propylphosphonothiolate | (64-17-5)-P1A3-II |
| O-Ethyl S-2-diisopropylaminoethylethyl methylphosphonothiolate, hydrochloride | (64-17-5)-M1A3-HII(Cl) |
| O-Ethyl S-2-dimethylaminoethyl ethylphosphonothiolate | 98543-25-0 |

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|---|------------------------|
| O-Ethyl S-2-dimethylaminoethyl isopropylphosphonothiolate | (64-17-5)-11A3-MM |
| O-Ethyl S-2-dimethylaminoethyl methylphosphonothiolate | 20820-80-8 |
| O-Ethyl S-2-dimethylaminoethyl propylphosphonothiolate | 218964-59-1 |
| O-Ethyl S-2-dipropylaminoethyl methylphosphonothiolate | 62512-68-9 |
| O-Ethyl S-2-dipropylaminoethyl propylphosphonothiolate | (64-17-5)-P1A3-PP |
| O-Ethyl S-2-isopropylmethylaminoethyl methylphosphonothiolate | (64-17-5)-M1A3-IM |
| O-Ethyl S-diethylaminoethyl ethylphosphonothioate | 21738-25-0 |
| O-Ethyl S-diethylaminoethyl ethylphosphonothiolate | 21738-25-0 |
| O-Ethyl S-diisopropylaminoethyl methylphosphonothioate | 50782-69-9 |
| O-Ethyl-d5 S-2-diisopropylaminoethyl methylphosphonothiolate | (1516-08-1)-M1A3-I |
| O-Ethyl-S-2 (diisopropylmethylammonium) ethyl Ethylphosphonothiolate iodide | (64-17-5)-E1A3-MII(I-) |
| O-Ethyl-S-2 (triethylammonium)ethyl Ethylphosphonothiolate iodide | (64-17-5)-E1A3-EEE(I-) |
| O-Ethyl-S-2 (triethylammonium)ethyl Methylphosphonothiolate iodide | (64-17-5)-M1A3-EEE(I-) |
| O-Ethyl-S-2 (trimethylammonium)ethyl Ethylphosphonothiolate iodide | (64-17-5)-E1A3-MMM(I-) |
| O-Ethyl-S-2 (trimethylammonium)ethyl Isopropylphosphonothiolate iodide | (64-17-5)-11A3-MMM(I-) |
| O-Ethyl-S-2 (trimethylammonium)ethyl Methylphosphonothiolate iodide | (64-17-5)-M1A3-MMM(I-) |
| O-Ethyl-S-2-(diisopropylamino)ethyl ethylphosphonothiolate | 73835-17-3 |
| O-ethyl-S-2-(diisopropylmethylammonium)ethyl ethylphosphonothiolate iodide | (64-17-5)-E1A3-MII(I-) |
| O-Ethyl-S-2-(dimethylamino) ethyl methylphosphonothiolate | 98543-25-0 |
| O-ethyl-S-2-(triethylammonium)ethyl ethylphosphonothiolate iodide | (64-17-5)-E1A3-EEE(I-) |
| O-hept-2-yl 1-methylethylphosphonofluoridate | (543-49-7)-11A1 |
| O-hept-2-yl ethylphosphonofluoridate | (543-49-7)-E1A1 |
| O-hept-3-yl 1-methylethylphosphonofluoridate | (589-82-2)-11A1 |
| O-hept-3-yl ethylphosphonofluoridate | (589-82-2)-E1A1 |
| O-Hept-3-yl N,N-diisopropylphosphoramidocyanidate | (589-82-2)-1A2-II |
| O-Heptyl ethylphosphonofluoridate | 162085-85-0 |
| O-Heptyl isopropylphosphonofluoridate | (111-70-6)-11A1 |
| O-Heptyl methylphosphonofluoridate | 162085-82-7 |
| O-heptyl N,N-diisopropylphosphoramidocyanidate | (111-70-6)-1A2-II |
| O-Heptyl N,N-dimethylphosphoramidocyanidate | 162085-91-8 |
| O-heptyl N,N-dipropylphosphoramidocyanidate | (111-70-6)-1A2-PP |
| O-Heptyl propylphosphonofluoridate | (111-70-6)-P1A1 |
| O-heptyl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (111-70-6)-E1A3-EE |
| O-heptyl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (111-70-6)-E1A3-MM |
| O-heptyl S-[2-(diethylamino)ethyl]methylphosphonothiolate | (111-70-6)-M1A3-EE |
| O-heptyl S-[2-(dimethylamino)ethyl] methylphosphonothiolate | (111-70-6)-M1A3-MM |
| O-heptyl S-[2-(dipropylamino)ethyl] methylphosphonothiolate | (111-70-6)-M1A3-PP |
| O-heptyl S-[2-(dipropylamino)ethyl] ethylphosphonothiolate | (111-70-6)-E1A3-PP |
| O-heptyl S-[2-[bis-(1-methylethyl)amino]-ethyl] methylphosphonothiolate | (111-70-6)-M1A3-II |
| O-heptyl S-[2-bis-(1-methylethyl)amino]ethyl ethylphosphonothiolate | (111-70-6)-E1A3-II |
| O-Heptyl S-2-diisopropylaminoethyl isopropylphosphonothiolate | (111-70-6)-11A3-II |
| O-hex-2-yl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (626-93-7)-E1A3-EE |
| O-Hex-2-yl methylphosphonofluoridate | 13172-12-8 |
| O-hex-2-yl S-[2-(diethylamino)ethyl] methylphosphonothiolate | (626-93-7)-M1A3-EE |
| O-hex-2-yl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (626-93-7)-E1A3-MM |
| O-hex-2-yl S-[2-(dipropylamino)ethyl] methylphosphonothiolate | (626-93-7)-M1A3-PP |
| O-hex-2-yl S-[2-(dipropylamino)ethyl] ethylphosphonothiolate | (626-93-7)-E1A3-PP |
| O-hex-2-yl S-[2-[bis-(1-methylethyl)amino]ethyl] ethylphosphonothiolate | (626-93-7)-E1A3-II |
| O-hex-2-yl S-[2-bis-(1-methylethyl)amino]ethyl ethylphosphonothiolate | (143-08-8)-E1A3-II |
| O-hex-3-yl S-[2-(diethylamino)ethyl] methylphosphonothiolate | (623-37-0)-M1A3-EE |
| O-hex-3-yl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (623-37-0)-E1A3-EE |
| O-Hex-3-yl N,N-diisopropylphosphoramidocyanidate | (623-37-0)-1A2-II |
| O-hex-3-yl S-[2-(dimethylamino)ethyl] methylphosphonothiolate | (623-37-0)-M1A3-MM |
| O-hex-3-yl S-[2-(dipropylamino)ethyl] ethylphosphonothiolate | (623-37-0)-E1A3-PP |

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|---|--------------------|
| O-hex-3-yl S-[2-[bis-(1-methylethyl)amino]-ethyl] methylphosphonothiolate | (623-37-0)-M1A3-II |
| O-hex-3-yl S-[2-[bis-(1-methylethyl)amino]ethyl] ethylphosphonothiolate | (623-37-0)-E1A3-II |
| O-hex-3yl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (623-37-0)-E1A3-MM |
| O-Hexyl ethylphosphonofluoridate | 135445-19-1 |
| O-Hexyl isopropylphosphonofluoridate | (111-27-3)-I1A1 |
| O-Hexyl methylphosphonofluoridate | 113548-89-3 |
| O-Hexyl N,N-dimethylphosphoramidocyanidate | 162085-90-7 |
| O-Hexyl propylphosphonofluoridate | (111-27-3)-P1A1 |
| O-hexyl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (111-27-3)-E1A3-EE |
| O-hexyl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (111-27-3)-E1A3-MM |
| O-hexyl S-[2-(diethylamino)ethyl] methylphosphonothiolate | (111-27-3)-M1A3-EE |
| O-hexyl S-[2-(dipropylamino)ethyl] methylphosphonothiolate | (111-27-3)-M1A3-PP |
| O-hexyl S-[2-(dipropylamino)ethyl] ethylphosphonothiolate | (111-27-3)-E1A3-PP |
| O-hexyl S-[2-[bis-(1-methylethyl)amino]ethyl] ethylphosphonothiolate | (111-27-3)-E1A3-II |
| O-Hydrogen S-(2-diethylaminoethyl) methylphosphonothiolate | 21068-51-9 |
| O-Hydrogen S-2-diethylaminoethyl isopropylphosphonothiolate | H-I1A3-EE |
| O-Hydrogen S-2-diethylaminoethyl methylphosphonothiolate | 21068-51-9 |
| O-Hydrogen S-2-diethylaminoethyl propylphosphonothiolate | H-P1A3-EE |
| O-Hydrogen S-2-diisopropylaminoethyl methylphosphonothiolate | 73207-98-4 |
| O-Hydrogen S-2-dimethylaminoethyl ethylphosphonothiolate | H-E1A3-MM |
| O-Hydrogen S-2-dimethylaminoethyl isopropylphosphonothiolate | H-I1A3-MM |
| O-Hydrogen S-2-dimethylaminoethyl methylphosphonothiolate | 34256-71-8 |
| O-Hydrogen S-2-dipropylaminoethyl ethylphosphonothiolate | H-E1A3-PP |
| O-Hydrogen S-2-dipropylaminoethyl isopropylphosphonothiolate | H-I1A3-PP |
| O-Hydrogen S-2-dipropylaminoethyl methylphosphonothiolate | 30102-97-7 |
| O-Isobutyl ethylphosphonofluoridate | 2261-83-8 |
| O-Isobutyl hydrogen methylphosphonothioate | 20626-99-7 |
| O-Isobutyl hydrogen methylphosphonothionate | 20626-99-7 |
| O-Isobutyl isopropylphosphonofluoridate | (78-83-1)-I1A1 |
| O-Isobutyl methylphosphonofluoridate | 2053-81-8 |
| O-Isobutyl methylthiophosphonate | 20626-99-7 |
| O-Isobutyl N,N-diethylphosphoramidocyanidate | (78-83-1)-1A2-EE |
| O-Isobutyl N,N-diisopropylphosphoramidocyanidate | (78-83-1)-1A2-II |
| O-Isobutyl N,N-dimethylphosphoramidocyanidate | 162085-88-3 |
| O-Isobutyl N,N-dipropylphosphoramidocyanidate | (78-83-1)-1A2-PP |
| O-Isobutyl N-ethyl-N-isopropylphosphoramidocyanidate | (78-83-1)-1A2-EI |
| O-Isobutyl N-ethyl-N-methylphosphoramidocyanidate | (78-83-1)-1A2-EM |
| O-Isobutyl N-ethyl-N-propylphosphoramidocyanidate | (78-83-1)-1A2-EP |
| O-Isobutyl N-isopropyl-N-methylphosphoramidocyanidate | (78-83-1)-1A2-IM |
| O-Isobutyl N-isopropyl-N-propylphosphoramidocyanidate | (78-83-1)-1A2-IP |
| O-Isobutyl N-methyl-N-propylphosphoramidocyanidate | (78-83-1)-1A2-MP |
| O-Isobutyl propylphosphonofluoridate | (78-83-1)-P1A1 |
| O-Isobutyl S-[2-(dimethylamino)ethyl] methylphosphonothioate | 56217-65-3 |
| O-Isobutyl S-2-diethylaminoethyl methylphosphonothiolate | 172825-49-9 |
| O-Isobutyl S-2-diethylaminoethyl ethylphosphonothiolate | (78-83-1)-E1A3-EE |
| O-Isobutyl S-2-diethylaminoethyl methylphosphonothiolate | 159939-87-4 |
| O-Isobutyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (78-83-1)-E1A3-II |
| O-Isobutyl S-2-diisopropylaminoethyl methylphosphonothiolate | (78-83-1)-M1A3-II |
| O-Isobutyl S-2-dimethylaminoethyl ethylphosphonothiolate | (78-83-1)-E1A3-MM |
| O-Isobutyl S-2-dimethylaminoethyl methylphosphonothiolate | 56217-65-3 |
| O-Isobutyl S-2-dipropylaminoethyl ethylphosphonothiolate | (78-83-1)-E1A3-PP |
| O-Isobutyl S-2-dipropylaminoethyl methylphosphonothiolate | (78-83-1)-M1A3-PP |
| O-Isopentyl ethylphosphonofluoridate | (123-51-3)-E1A1 |
| O-Isopentyl isopropylphosphonofluoridate | (123-51-3)-I1A1 |

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|--|------------------------|
| O-Isopentyl methylphosphonofluoridate | 22107-46-6 |
| O-Isopentyl propylphosphonofluoridate | (123-51-3)-P1A1 |
| O-Isopentyl S-2-diethylaminoethyl ethylphosphonothiolate | (123-51-3)-E1A3-EE |
| O-Isopentyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (123-51-3)-E1A3-II |
| O-Isopentyl S-2-diisopropylaminoethyl methylphosphonothiolate | (123-51-3)-M1A3-II |
| O-Isopentyl S-2-dimethylaminoethyl ethylphosphonothiolate | (123-51-3)-E1A3-MM |
| O-Isopentyl S-2-dimethylaminoethyl methylphosphonothiolate | (123-51-3)-M1A3-MM |
| O-Isopentyl S-2-dipropylaminoethyl ethylphosphonothiolate | (123-51-3)-E1A3-PP |
| O-Isopentyl S-2-dipropylaminoethyl methylphosphonothiolate | (123-51-3)-M1A3-PP |
| O-Isopropyl ethylphosphonofluoridate | 1189-87-3 |
| O-Isopropyl isopropylphosphonofluoridate | 665-33-8 |
| O-Isopropyl methylfluorophosphonate | 107-44-8 |
| O-Isopropyl methylphosphonochloridate | 1445-76-7 |
| O-Isopropyl methylphosphonofluoridate | 107-44-8 |
| O-Isopropyl methylphosphonofluoridate- d3 | 104801-08-3 |
| O-Isopropyl N,N-diethylphosphoramidocyanidate | (67-63-0)-1A2-EE |
| O-Isopropyl N,N-diisopropylphosphoramidocyanidate | (67-63-0)-1A2-II |
| O-Isopropyl N,N-dimethylphosphoramidocyanidate | 63815-55-4 |
| O-Isopropyl N,N-dipropylphosphoramidocyanidate | (67-63-0)-1A2-PP |
| O-Isopropyl N-ethyl-N-isopropylphosphoramidocyanidate | (67-63-0)-1A2-EI |
| O-Isopropyl N-ethyl-N-methylphosphoramidocyanidate | (67-63-0)-1A2-EM |
| O-Isopropyl N-ethyl-N-propylphosphoramidocyanidate | (67-63-0)-1A2-EP |
| O-Isopropyl N-isopropyl-N-methylphosphoramidocyanidate | (67-63-0)-1A2-IM |
| O-Isopropyl N-isopropyl-N-propylphosphoramidocyanidate | (67-63-0)-1A2-IP |
| O-Isopropyl N-methyl-N-propylphosphoramidocyanidate | (67-63-0)-1A2-MP |
| O-Isopropyl propylphosphonofluoridate | 18358-37-7 |
| O-isopropyl S-(2-diisopropylaminoethyl) ethylphosphonothiolate | 162085-95-2 |
| O-Isopropyl S-(2-diisopropylaminoethyl)methylphosphonothioate | 51446-23-2 |
| O-Isopropyl S-[2-(diisopropylamino)ethyl] methylthiophosphonate | 51446-23-2 |
| O-Isopropyl S-2 (diethylamino) ethyl methylphosphonothiolate | 91134-95-1 |
| O-isopropyl S-2 (dimethylethylammonium)ethyl ethylphosphonothiolate iodide | (67-63-0)-E1A3-MME(I-) |
| O-Isopropyl S-2(dimethylamino) ethyl methylphosphonothiolate | 21068-52-0 |
| O-Isopropyl S-2-(diethylmethylammonium)ethyl Ethylphosphonothiolate iodide | (67-63-0)-E1A3-MEE(I-) |
| O-isopropyl S-2-(diisopropylmethylammonium)ethyl ethylphosphonothiolate iodide | (67-63-0)-E1A3-MII(I-) |
| O-isopropyl S-2-(dimethylamino)ethyl methylphosphonothiolate | (67-63-0)-M1A3-MM |
| O-isopropyl S-2-(triethylammonium)ethyl ethylphosphonothiolate iodide | (67-63-0)-E1A3-EEE(I-) |
| O-isopropyl S-2-(trimethylammonium)ethyl ethylphosphonothiolate iodide | (67-63-0)-E1A3-MMM(I-) |
| O-Isopropyl S-2-diethylaminoethyl ethylphosphonothiolate | 162085-93-0 |
| O-Isopropyl S-2-diethylaminoethyl methylphosphonothiolate | 91134-95-1 |
| O-Isopropyl S-2-diisopropylaminoethyl ethylphosphonothiolate | 162085-95-2 |
| O-Isopropyl S-2-diisopropylaminoethyl isopropylphosphonothiolate | (67-63-0)-I1A3-II |
| O-Isopropyl S-2-diisopropylaminoethyl methylphosphonothiolate | 51446-23-2 |
| O-Isopropyl S-2-dimethylaminoethyl ethylphosphonothiolate | 162085-92-9 |
| O-Isopropyl S-2-dimethylaminoethyl methylphosphonothiolate | 21068-52-0 |
| O-Isopropyl S-2-dipropylaminoethyl ethylphosphonothiolate | (67-63-0)-E1A3-PP |
| O-Isopropyl S-2-dipropylaminoethyl methylphosphonothiolate | (67-63-0)-M1A3-PP |
| O-Isopropyl-S-2 (diisopropylmethylammonium)ethyl Ethylphosphonothiolate iodide | (67-63-0)-E1A3-MII(I-) |
| O-Isopropyl-S-2 (dimethylamino)ethyl Methylphosphonothiolate | (67-63-0)-M1A3-MM |
| O-Isopropyl-S-2 (dimethylethylammonium)ethyl Ethylphosphonothiolate iodide | (67-63-0)-E1A3-MME(I-) |
| O-Isopropyl-S-2 (triethylammonium)ethyl Ethylphosphonothiolate iodide | (67-63-0)-E1A3-EEE(I-) |
| O-Isopropyl-S-2 (trimethylammonium)ethyl Ethylphosphonothiolate iodide | (67-63-0)-E1A3-MMM(I-) |
| O-Isopropyl-S-2(dimethylamino) ethyl methylphosphonothiolate | 21068-52-0 |
| O-Isopropyl-S-2-(diethylamino)ethyl ethylphosphonothiolate | 162085-93-0 |
| O-Isopropyl-S-2-(dimethylamino)ethyl ethylphosphonothiolate | 162085-92-9 |

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|---|------------------------|
| O-Methyl ethanephosphonothionochloridate | 1497-69-4 |
| O-Methyl ethylphosphonochloridothioate | 1497-69-4 |
| O-Methyl ethylphosphonochloridothionate | 1497-69-4 |
| O-Methyl ethylphosphonofluoridate | 665-03-2 |
| O-Methyl isopropylphosphonofluoridate | 648-59-9 |
| O-Methyl methanephosphonothionochloridate | 2524-15-4 |
| O-Methyl methylphosphonochloridothioate | 2524-15-4 |
| O-Methyl methylphosphonochloridothionate | 2524-15-4 |
| O-Methyl methylphosphonofluoridate | 353-88-8 |
| O-Methyl N,N-diethylphosphoramidocyanidate | (67-56-1)-1A2-EE |
| O-Methyl N,N-diisopropylphosphoramidocyanidate | (67-56-1)-1A2-II |
| O-Methyl N,N-dimethylphosphoramidocyanidate | 63815-56-5 |
| O-Methyl N,N-dipropylphosphoramidocyanidate | (67-56-1)-1A2-PP |
| O-Methyl N-ethyl-N-methylphosphoramidocyanidate | (67-56-1)-1A2-EM |
| O-Methyl N-ethyl-N-propylphosphoramidocyanidate | (67-56-1)-1A2-EP |
| O-Methyl N-isopropyl-N-methylphosphoramidocyanidate | (67-56-1)-1A2-IM |
| O-Methyl N-isopropyl-N-propylphosphoramidocyanidate | (67-56-1)-1A2-IP |
| O-Methyl N-methyl-N-propylphosphoramidocyanidate | (67-56-1)-1A2-MP |
| O-Methyl propylphosphonofluoridate | (67-56-1)-P1A1 |
| O-methyl S-2 (diethylmethylammonium)ethyl ethylphosphonothiolate iodide | (67-56-1)-E1A3-MEE(I-) |
| O-Methyl S-2-diethylaminoethyl ethylphosphonothiolate | 170800-77-8 |
| O-Methyl S-2-diethylaminoethyl methylphosphonothiolate | (67-56-1)-M1A3-EE |
| O-Methyl S-2-diisopropylaminoethyl ethylphosphonothiolate | 162085-94-1 |
| O-Methyl S-2-diisopropylaminoethyl isopropylphosphonothiolate | (67-56-1)-I1A3-II |
| O-Methyl S-2-diisopropylaminoethyl methylphosphonothiolate | 198830-32-9 |
| O-Methyl S-2-diisopropylaminoethyl propylphosphonothiolate | (67-56-1)-P1A3-II |
| O-Methyl S-2-dimethylaminoethyl ethylphosphonothiolate | (67-56-1)-E1A3-MM |
| O-Methyl S-2-dimethylaminoethyl methylphosphonothiolate | 108490-92-2 |
| O-Methyl-S-2 (diethylmethylammonium)ethyl Ethylphosphonothiolate iodide | (67-56-1)-E1A3-MEE(I-) |
| O-Methyl-S-2 (trimethylammonium)ethyl Methylphosphonothiolate iodide | (67-56-1)-M1A3-MMM(I-) |
| O-methylpentyl S-[2-(dipropylamino)ethyl] ethylphosphonothiolate | (105-30-6)-E1A3-PP |
| O-Mustard | 63918-89-8 |
| O-N,N-dipropylaminoethyl methylphosphonofluoridate | (64-17-5)-M1A1-PP |
| O-n-Butyl methylphosphonofluoridate | 352-63-6 |
| O-n-Butyl N,N-dimethylphosphoramidocyanidate | 162085-87-2 |
| O-n-Decyl N,N-diisopropylphosphoramidocyanidate | (112-30-1)-1A2-II |
| O-n-Decyl N-isopropyl-N-propylphosphoramidocyanidate | (112-30-1)-1A2-IP |
| O-n-Heptyl N,N-dimethylphosphoramidocyanidate | 162085-91-8 |
| O-n-Heptyl propylphosphonofluoridate | (111-70-6)-P1A1 |
| O-n-Hexyl N,N-dimethylphosphoramidocyanidate | 162085-90-7 |
| O-n-Hexyl propylphosphonofluoridate | (111-27-3)-P1A1 |
| O-n-octyl N,N,-dimethylphosphoramidocyanidate | (111-87-5)-1A2-MM |
| O-n-Octyl N,N-diethylphosphoramidocyanidate | (111-87-5)-1A2-EE |
| O-n-Octyl N,N-diisopropylphosphoramidocyanidate | (111-87-5)-1A2-II |
| O-n-Octyl N,N-dipropylphosphoramidocyanidate | (111-87-5)-1A2-PP |
| O-n-Octyl N-isopropyl-N-propylphosphoramidocyanidate | (111-87-5)-1A2-IP |
| O-n-Pentyl isopropylphosphonofluoridate | (71-41-0)-I1A1 |
| O-n-Pentyl N,N-dimethylphosphoramidocyanidate | 148461-87-4 |
| O-n-Pentyl propylphosphonofluoridate | (71-41-0)-P1A1 |
| O-n-Pentyl S-2-diisopropylaminoethyl methylphosphonothiolate | 198830-36-3 |
| O-n-Propyl ethylphosphonofluoridate | 2992-95-2 |
| O-n-Propyl isopropylphosphonofluoridate | (71-23-8)-I1A1 |
| O-n-Propyl methylphosphonofluoridate | 763-14-4 |
| O-n-Propyl N,N-diethylphosphoramidocyanidate | (71-23-8)-1A2-EE |

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| O-n-Propyl N,N-diisopropylphosphoramidocyanidate | (71-23-8)-1A2-II |
| O-n-Propyl N,N-dimethylphosphoramidocyanidate | 162085-86-1 |
| O-n-Propyl N,N-dipropylphosphoramidocyanidate | (71-23-8)-1A2-PP |
| O-n-Propyl N-ethyl-N-isopropylphosphoramidocyanidate | (71-23-8)-1A2-EI |
| O-n-Propyl N-ethyl-N-methylphosphoramidocyanidate | (71-23-8)-1A2-EM |
| O-n-Propyl N-ethyl-N-propylphosphoramidocyanidate | (71-23-8)-1A2-EP |
| O-n-Propyl N-isopropyl-N-methylphosphoramidocyanidate | (71-23-8)-1A2-IM |
| O-n-Propyl N-isopropyl-N-propylphosphoramidocyanidate | (71-23-8)-1A2-IP |
| O-n-Propyl N-methyl-N-propylphosphoramidocyanidate | (71-23-8)-1A2-MP |
| O-Neopentyl ethylphosphonofluoridate | (75-84-3)-E1A1 |
| O-Neopentyl isopropylphosphonofluoridate | (75-84-3)-I1A1 |
| O-Neopentyl methylphosphonofluoridate | 372-62-3 |
| O-Neopentyl propylphosphonofluoridate | (75-84-3)-P1A1 |
| O-non-2-yl propylphosphonofluoridate | (628-99-9)-P1A1 |
| O-non-2-yl 1-methylethylphosphonofluoridate | (628-99-9)-I1A1 |
| O-non-2-yl ethylphosphonofluoridate | (628-99-9)-E1A1 |
| O-non-2-yl methylphosphonofluoridate | (628-99-9)-M1A1 |
| O-non-3-yl propylphosphonofluoridate | (624-51-1)-P1A1 |
| O-non-3-yl 1-methylethylphosphonofluoridate | (624-51-1)-I1A1 |
| O-non-3-yl ethylphosphonofluoridate | (624-51-1)-E1A1 |
| O-non-3-yl methylphosphonofluoridate | (624-51-1)-M1A1 |
| O-non-5-yl 1-methylethylphosphonofluoridate | (623-93-8)-I1A1 |
| O-non-5-yl ethylphosphonofluoridate | (623-93-8)-E1A1 |
| O-non-5-yl methylphosphonofluoridate | (623-93-8)-M1A1 |
| O-non-5-yl propylphosphonofluoridate | (623-93-8)-P1A1 |
| O-nonyl 1-methylethylphosphonofluoridate | (143-08-8)-I1A1 |
| O-nonyl ethylphosphonofluoridate | (143-08-8)-E1A1 |
| O-Nonyl methylphosphonofluoridate | 211192-74-4 |
| O-nonyl propylphosphonofluoridate | (143-08-8)-P1A1 |
| O-nonyl S-[2-(diethylamino)ethyl] methylphosphonothiolate | (143-08-8)-M1A3-EE |
| O-nonyl S-[2-(diethylamino)ethyl] ethylphosphonothiolate | (143-08-8)-E1A3-EE |
| O-nonyl S-[2-(dimethylamino)ethyl] methylphosphonothiolate | (143-08-8)-M1A3-MM |
| O-nonyl S-[2-(dimethylamino)ethyl] ethylphosphonothiolate | (143-08-8)-E1A3-MM |
| O-nonyl S-[2-(dipropylamino)ethyl] methylphosphonothiolate | (143-08-8)-M1A3-PP |
| O-nonyl S-[2-(dipropylamino)ethyl] ethylphosphonothiolate | (143-08-8)-E1A3-PP |
| O-nonyl S-[2-[bis-(1-methylethyl)amino]-ethyl] methylphosphonothiolate | (143-08-8)-M1A3-II |
| O-oct-2-yl 1-methylethylphosphonofluoridate | (123-96-6)-I1A1 |
| O-oct-2-yl ethylphosphonofluoridate | (123-96-6)-E1A1 |
| O-Oct-2-yl methylphosphonofluoridate | 22925-97-9 |
| O-Oct-2-yl N,N-diisopropylphosphoramidocyanidate | (123-96-6)-1A2-II |
| O-oct-2-yl propylphosphonofluoridate | (123-96-6)-P1A1 |
| O-oct-3-yl 1-methylethylphosphonofluoridate | (20296-29-1)-I1A1 |
| O-oct-3-yl ethylphosphonofluoridate | (20296-29-1)-E1A1 |
| O-Oct-3-yl N,N-diethylphosphoramidocyanidate | (20296-29-1)-1A2-EE |
| O-Oct-3-yl N,N-diisopropylphosphoramidocyanidate | (20296-29-1)-1A2-II |
| O-Oct-3-yl N,N-dimethylphosphoramidocyanidate | (20296-29-1)-1A2-MM |
| O-Oct-3-yl N,N-dipropylphosphoramidocyanidate | (20296-29-1)-1A2-PP |
| O-oct-3-yl propylphosphonofluoridate | (20296-29-1)-P1A1 |
| O-Oct-4-yeethylphosphonofluoridate | (598-62-8)-E1A1 |
| O-oct-4-yl 1-methylethylphosphonofluoridate | (589-62-8)-I1A1 |
| O-oct-4-yl ethylphosphonofluoridate | (589-62-8)-E1A1 |
| O-oct-4-yl propylphosphonofluoridate | (589-62-8)-P1A1 |
| O-octyl 1-methylethylphosphonofluoridate | (111-87-5)-I1A1 |
| O-octyl ethylphosphonofluoridate | (111-87-5)-E1A1 |

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| O-Octyl methylphosphonofluoridate | 144313-52-0 |
| O-Octyl N,N,-dimethylphosphoramidocyanidate | (111-87-5)-1A2-MM |
| O-Octyl N,N-diethylphosphoramidocyanidate | (111-87-5)-1A2-EE |
| O-Octyl N,N-diisopropylphosphoramidocyanidate | (111-87-5)-1A2-II |
| O-Octyl N,N-dipropylphosphoramidocyanidate | (111-87-5)-1A2-PP |
| O-Octyl N-isopropyl-N-propylphosphoramidocyanidate | (111-87-5)-1A2-IP |
| O-octyl propylphosphonofluoridate | (111-87-5)-P1A1 |
| O-octyl S-[2-(diethylamino)ethyl] methylphosphonothiolate | (111-87-5)-M1A3-EE |
| O-octyl S-[2-(diethylamino)ethyl]- ethylphosphonothiolate | (111-87-5)-E1A3-EE |
| O-octyl S-[2-(dimethylamino)ethyl] methylphosphonothiolate | (111-87-5)-M1A3-MM |
| O-octyl S-[2-(dipropylamino)ethyl] methylphosphonothiolate | (111-87-5)-M1A3-PP |
| O-octyl S-[2-(dipropylamino)ethyl] ethylphosphonothiolate | (111-87-5)-E1A3-PP |
| O-octyl S-[2-[bis-(1-methylethyl)amino]-ethyl] methylphosphonothiolate | (111-87-5)-M1A3-II |
| O-octyl S-[2-[bis-(1-methylethyl)amino]ethyl] ethylphosphonothiolate | (111-87-5)-E1A3-II |
| O-pentadeuterioethyl methylphosphonofluoridate | (1516-08-1)-M1A1 |
| O-Pentyl ethylphosphonofluoridate | 162085-84-9 |
| O-Pentyl isopropylphosphonofluoridate | (71-41-0)-11A1 |
| O-Pentyl methylphosphonofluoridate | 13454-59-6 |
| O-Pentyl N,N-dimethylphosphoramidocyanidate | 148461-87-4 |
| O-Pentyl propylphosphonofluoridate | (71-41-0)-P1A1 |
| O-Pentyl S-2-diethylaminoethyl methylphosphonothiolate | (71-41-0)-M1A3-EE |
| O-Pentyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (71-41-0)-E1A3-II |
| O-Pentyl S-2-diisopropylaminoethyl methylphosphonothiolate | 198830-36-3 |
| O-Pentyl S-2-dimethylaminoethyl ethylphosphonothiolate | (71-41-0)-E1A3-MM |
| O-Pentyl S-2-dimethylaminoethyl methylphosphonothiolate | (71-41-0)-M1A3-MM |
| O-Pentyl S-2-dipropylaminoethyl ethylphosphonothiolate | (71-41-0)-E1A3-PP |
| O-Pentyl S-2-dipropylaminoethyl methylphosphonothiolate | (71-41-0)-M1A3-PP |
| O-phenyl ethylphosphonofluoridate | (108-95-2)-E1A1 |
| O-Phenyl methylphosphonofluoridate | 133826-40-1 |
| O-Pinacolyl ethylphosphonofluoridate | 97931-20-9 |
| O-Pinacolyl methyl-d3-phosphonofluoridate | 104801-09-4 |
| O-Pinacolyl methylphosphonochloridate | 7040-57-5 |
| O-Pinacolyl S-2-diethylaminoethyl methylphosphonothiolate | (464-07-3)-M1A3-EE |
| O-Pinacolyl-d13 methylphosphonofluoridate | 108202-65-9 |
| O-pinacolyl-dx-methylphosphonofluoridate | (464-07-3)-M1A1 |
| O-Pinacolyl-tx methylphosphonofluoridate | 104801-10-7 |
| O-Propyl methylphosphonofluoridate | 763-14-4 |
| O-Propyl ethylphosphonofluoridate | 2992-95-2 |
| O-Propyl isopropylphosphonofluoridate | (71-23-8)-11A1 |
| O-Propyl N,N-diethylphosphoramidocyanidate | (71-23-8)-1A2-EE |
| O-Propyl N,N-diisopropylphosphoramidocyanidate | (71-23-8)-1A2-II |
| O-Propyl N,N-dimethylphosphoramidocyanidate | 162085-86-1 |
| O-Propyl N,N-dipropylphosphoramidocyanidate | (71-23-8)-1A2-PP |
| O-Propyl N-ethyl-N-isopropylphosphoramidocyanidate | (71-23-8)-1A2-EI |
| O-Propyl N-ethyl-N-methylphosphoramidocyanidate | (71-23-8)-1A2-EM |
| O-Propyl N-ethyl-N-propylphosphoramidocyanidate | (71-23-8)-1A2-EP |
| O-Propyl N-isopropyl-N-methylphosphoramidocyanidate | (71-23-8)-1A2-IM |
| O-Propyl N-isopropyl-N-propylphosphoramidocyanidate | (71-23-8)-1A2-IP |
| O-Propyl N-methyl-N-propylphosphoramidocyanidate | (71-23-8)-1A2-MP |
| O-Propyl propylphosphonofluoridate | 18358-36-6 |
| O-propyl S-2(diethylamino)ethyl propylphosphonothiolate | (71-23-8)-P1A3-EE |
| O-Propyl S-2-diethylaminoethyl ethylphosphonothiolate | (71-23-8)-E1A3-EE |
| O-Propyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (71-23-8)-E1A3-II |
| O-Propyl S-2-diisopropylaminoethyl methylphosphonothiolate | 52364-45-1 |

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| O-Propyl S-2-diisopropylaminoethyl propylphosphonothiolate | (71-23-8)-P1A3-II |
| O-Propyl S-2-dimethylaminoethyl isopropylphosphonothiolate | (71-23-8)-I1A3-MM |
| O-Propyl S-2-dimethylaminoethyl methylphosphonothiolate | (71-23-8)-M1A3-MM |
| O-Propyl S-2-dipropylaminoethyl ethylphosphonothiolate | (71-23-8)-E1A3-PP |
| O-Propyl S-2-dipropylaminoethyl methylphosphonothiolate | (71-23-8)-M1A3-PP |
| O-Propyl-S-2 (trimethylammonium)ethyl Methylphosphonothiolate iodide | (71-23-8)-M1A3-MMM(I-) |
| O-propyl-S-2-(trimethylammonium)ethyl methylphosphonothiolate iodide | (71-23-8)-M1A3-MMM(I-) |
| O-sec-Butyl ethylphosphonofluoridate | 162085-83-8 |
| O-sec-Butyl isopropylphosphonofluoridate | (78-92-2)-I1A1 |
| O-sec-Butyl methylphosphonofluoridate | 352-52-3 |
| O-sec-Butyl N,N-diethylphosphoramidocyanidate | (78-92-2)-1A2-EE |
| O-sec-Butyl N,N-diisopropylphosphoramidocyanidate | (78-92-2)-1A2-II |
| O-sec-Butyl N,N-dimethylphosphoramidocyanidate | 162085-89-4 |
| O-sec-Butyl N,N-dipropylphosphoramidocyanidate | (78-92-2)-1A2-PP |
| O-sec-Butyl N-ethyl-N-isopropylphosphoramidocyanidate | (78-92-2)-1A2-EI |
| O-sec-Butyl N-ethyl-N-propylphosphoramidocyanidate | (78-92-2)-1A2-EP |
| O-sec-Butyl N-isopropyl-N-methylphosphoramidocyanidate | (78-92-2)-1A2-IM |
| O-sec-Butyl N-isopropyl-N-propylphosphoramidocyanidate | (78-92-2)-1A2-IP |
| O-sec-Butyl N-methyl-N-propylphosphoramidocyanidate | (78-92-2)-1A2-MP |
| O-sec-Butyl propylphosphonofluoridate | (78-92-2)-P1A1 |
| O-sec-Butyl S-2-diethylaminoethyl ethylphosphonothiolate | (78-92-2)-E1A3-EE |
| O-sec-Butyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (78-92-2)-E1A3-II |
| O-sec-Butyl S-2-diisopropylaminoethyl isopropylphosphonothiolate | (78-92-2)-I1A3-II |
| O-sec-Butyl S-2-diisopropylaminoethyl methylphosphonothiolate | (78-92-2)-M1A3-II |
| O-sec-Butyl S-2-diisopropylaminoethyl propylphosphonothiolate | (78-92-2)-P1A3-II |
| O-sec-Butyl S-2-dimethylaminoethyl ethylphosphonothiolate | 50929-96-9 |
| O-sec-Butyl S-2-dipropylaminoethyl ethylphosphonothiolate | (78-92-2)-E1A3-PP |
| O-tert-Butyl ethylphosphonofluoridate | (75-65-0)-E1A1 |
| O-tert-Butyl methylphosphonofluoridate | 13273-12-6 |
| Oct-2-yl methylphosphonofluoridate | 22925-97-9 |
| Oct-3-yl methylphosphonofluoridate | (20296-29-1)-M1A1 |
| Oct-4-yl methylphosphonofluoridate | (589-62-8)-M1A1 |
| Octafluoroisobutene | 382-21-8 |
| Octafluoroisobutylene | 382-21-8 |
| Octyl diethylamidocyanidophosphate | (111-87-5)-1A2-EE |
| Octyl diisopropylamidocyanidophosphate | (111-87-5)-1A2-II |
| Octyl dimethylamidocyanidophosphate | (111-87-5)-1A2-MM |
| Octyl dipropylamidocyanidophosphate | (111-87-5)-1A2-PP |
| Octyl isopropyl(propyl)amidocyanidophosphate | (111-87-5)-1A2-IP |
| Octyl methylphosphonofluoridate | 144313-52-0 |
| Octyl methylphosphonofluoridoate | 144313-52-0 |
| Octyl N,N-diethylphosphoramidocyanidate | (111-87-5)-1A2-EE |
| Octyl N,N-diisopropylphosphoramidocyanidate | (111-87-5)-1A2-II |
| Octyl N,N-dipropylphosphoramidocyanidate | (111-87-5)-1A2-PP |
| Octyl N-isopropyl-N-propylphosphoramidocyanidate | (111-87-5)-1A2-IP |
| Octyl S-2-(dimethylamino)ethyl propylphosphonothiolate | (111-87-5)-P1A3-MM |
| Octyl-S-2 (dimethylamino)ethyl Propylphosphonothiolate | (111-87-5)-P1A3-MM |
| P,P-Dichloro-N,N-diethylphosphinic amide | 1498-54-0 |
| Pent-2-yl ethylphosphonofluoridate | (6032-29-7)-E1A1 |
| Pent-2-yl isopropylphosphonofluoridate | (6032-29-7)-I1A1 |
| Pent-2-yl methylphosphonofluoridate | 761-93-3 |
| Pent-2-yl propylphosphonofluoridate | (6032-29-7)-P1A1 |
| Pent-3-yl ethylphosphonofluoridate | (584-02-1)-E1A1 |
| Pent-3-yl isopropylphosphonofluoridate | (584-02-1)-I1A1 |

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| Pent-3-yl methylphosphonofluoridate | 66348-71-8 |
| Pent-3-yl propylphosphonofluoridate | (584-02-1)-P1A1 |
| Pent-3-yl propylphosphonofluoridoate | (623-37-0)-P1A1 |
| Pentachlorophosphorane | 10026-13-8 |
| Pentachlorophosphorus | 10026-13-8 |
| Pentane, 1,5-bis[(2-chloroethyl)thio]- | 142868-94-8 |
| Pentyl dimethylamidocyanidophosphate | 148461-87-4 |
| Pentyl ethylphosphonofluoridate | 162085-84-9 |
| Pentyl ethylphosphonofluoridoate | 162085-84-9 |
| Pentyl isopropylphosphonofluoridate | (71-41-0)-I1A1 |
| Pentyl isopropylphosphonofluoridoate | (71-41-0)-I1A1 |
| Pentyl methylphosphonofluoridate | 13454-59-6 |
| Pentyl methylphosphonofluoridoate | 13454-59-6 |
| Pentyl N,N-diisopropylphosphoramidocyanidate | (71-41-0)-1A2-II |
| Pentyl N,N-dimethylphosphoramidocyanidate | 148461-87-4 |
| Pentyl N,N-dipropylphosphoramidocyanidate | (71-41-0)-1A2-PP |
| Pentyl propylphosphonofluoridate | (71-41-0)-P1A1 |
| Pentyl propylphosphonofluoridoate | (71-41-0)-P1A1 |
| Pentyl S-2-diethylaminoethyl ethylphosphonothiolate | (71-41-0)-E1A3-EE |
| Pentyl S-2-diethylaminoethyl methylphosphonothiolate | (71-41-0)-M1A3-EE |
| Pentyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (71-41-0)-E1A3-II |
| Pentyl S-2-diisopropylaminoethyl methylphosphonothiolate | 198830-36-3 |
| Pentyl S-2-dimethylaminoethyl ethylphosphonothiolate | (71-41-0)-E1A3-MM |
| Pentyl S-2-dimethylaminoethyl methylphosphonothiolate | (71-41-0)-M1A3-MM |
| Pentyl S-2-dipropylaminoethyl ethylphosphonothiolate | (71-41-0)-E1A3-PP |
| Pentyl S-2-dipropylaminoethyl methylphosphonothiolate | (71-41-0)-M1A3-PP |
| Perfluoro-2-(trifluoromethyl)propene | 382-21-8 |
| Perfluoro-2-methylpropene | 382-21-8 |
| Perfluoroisobutene | 382-21-8 |
| Perfluoroisobutylene | 382-21-8 |
| PFIB | 382-21-8 |
| Phenyl methylphosphonofluoridate | 133826-40-1 |
| Phenyl methylphosphonofluoridoate | 133826-40-1 |
| Phosgen | 75-44-5 |
| Phosgene | 75-44-5 |
| Phosphine oxide, fluoromethyl(1,2,2-trimethylpropoxy)- | 96-64-0 |
| Phosphine, dichloromethyl- | 676-83-5 |
| Phosphine, trichloro- | 7719-12-2 |
| Phosphinic acid, methyl-, butyl ester | 6172-80-1 |
| Phosphonic acid, (1-methylethyl)-, diethyl ester | 1538-69-8 |
| Phosphonic acid, diethyl ester | 762-04-9 |
| Phosphonic acid, dimethyl ester | 868-85-9 |
| Phosphonic acid, ethyl- | 6779-09-5 |
| Phosphonic acid, ethyl-, diethyl ester | 78-38-6 |
| Phosphonic acid, isopropyl-, diethyl ester | 1538-69-8 |
| Phosphonic acid, methyl- | 993-13-5 |
| Phosphonic acid, methyl-, 2-ethylhexyl ester | 13688-82-9 |
| Phosphonic acid, methyl-, bis(1,2,2-trimethylpropyl) ester | 7040-58-6 |
| Phosphonic acid, methyl-, bis(1-methylethyl) ester | 1445-75-6 |
| Phosphonic acid, methyl-, dibutyl ester | 2404-73-1 |
| Phosphonic acid, methyl-, diethyl ester | 683-08-9 |
| Phosphonic acid, methyl-, diisopropyl ester | 1445-75-6 |
| Phosphonic acid, methyl-, dimethyl ester | 756-79-6 |
| Phosphonic acid, methyl-, methyl ester | 1066-53-1 |

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|--|-------------------|
| Phosphonic acid, methyl-, monomethyl ester | 1066-53-1 |
| Phosphonic acid, propyl- | 4672-38-2 |
| Phosphonic acid, propyl-, diethyl ester | 18812-51-6 |
| Phosphonic acid, propyl-, dimethyl ester | 18755-43-6 |
| Phosphonic dichloride, (1-methylethyl)- | 1498-46-0 |
| Phosphonic dichloride, ethyl- | 1066-50-8 |
| Phosphonic dichloride, isopropyl- | 1498-46-0 |
| Phosphonic dichloride, isopropyl- (6Cl, 7Cl, 8Cl) | 1498-46-0 |
| Phosphonic dichloride, methyl- | 676-97-1 |
| Phosphonic dichloride, propyl- | 4708-04-7 |
| Phosphonic difluoride, (1-methylethyl)- | 677-42-9 |
| Phosphonic difluoride, ethyl- | 753-98-0 |
| Phosphonic difluoride, methyl- | 676-99-3 |
| Phosphonic difluoride, methyl-, mixt. with methylphosphonic dichloride | 97505-35-6 |
| Phosphonic difluoride, propyl- | 690-14-2 |
| Phosphonochloridic acid, methyl-, 1,2,2-trimethylpropyl ester | 7040-57-5 |
| Phosphonochloridic acid, methyl-, 1-methylethyl ester | 1445-76-7 |
| Phosphonochloridic acid, methyl-, 2-methylpropyl ester | 18359-05-2 |
| Phosphonochloridic acid, methyl-, ethyl ester | 5284-09-3 |
| Phosphonochloridic acid, methyl-, isobutyl ester | 18359-05-2 |
| Phosphonochloridic acid, methyl-, isopropyl ester | 1445-76-7 |
| Phosphonochloridothioic acid, ethyl-, O-ethyl ester | 1497-68-3 |
| Phosphonochloridothioic acid, ethyl-, O-methyl ester | 1497-69-4 |
| Phosphonochloridothioic acid, methyl-, O-ethyl ester | 2524-16-5 |
| Phosphonochloridothioic acid, methyl-, O-methyl ester | 2524-15-4 |
| Phosphonochloridothioic acid, methyl-, S-methyl ester | 13113-89-8 |
| Phosphonofluoridic acid, (1-methylethyl)-, 1-methylethyl ester | 665-33-8 |
| Phosphonofluoridic acid, (1-methylethyl)-, methyl ester | 648-59-9 |
| Phosphonofluoridic acid, 1-methylethyl-, 1-cyclohexyl-ethyl ester | (1193-81-3)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 2,3-dimethyl-cyclohexyl ester | (1502-24-5)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 2,4,4-trimethyl-pentyl ester | (16325-63-6)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 2,6-dimethyl-cyclohexyl ester | (5337-72-4)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 2,6-dimethyl-hept-4-yl ester | (108-82-7)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 2-cyclohexyl-ethyl ester | (4442-79-9)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 2-ethyl-cyclohexyl ester | (3760-20-1)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 2-ethyl-hexyl ester | (104-76-7)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 2-methyl-cyclopentyl ester | (24070-77-7)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 2-methyl-hex-3-yl ester | (617-29-8)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 2-propyl-pentyl ester | (58175-57-8)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 3,5,5-trimethyl-hexyl ester | (3452-97-9)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 3,5-dimethyl-cyclohexyl ester | (5441-52-1)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 3,7-dimethyl-octyl ester | (106-21-8)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 3-cyclohexyl-propyl ester | (1124-63-6)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 3-cyclopentyl-propyl ester | (767-05-5)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 3-methyl, dec-2-yl ester | (1120-06-5)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 3-methyl-cyclohexyl ester | (591-23-1)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 3-methyl-cyclopentyl ester | (18729-48-1)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 3-methyl-pent-2-yl ester | (565-60-6)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 4,4-dimethyl-pent-2-yl ester | (6144-93-0)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 4-ethyl-cyclohexyl ester | (4534-74-1)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 4-methyl-cyclohexyl ester | (589-91-3)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 4-methyl-hept-3-yl ester | (14979-39-6)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 5-methyl-hex-2-yl ester | (627-59-8)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, 6-methyl-hept-2-yl ester | (4730-22-7)-I1A1 |

Name**Key/CAS**

| | |
|--|-------------------|
| Phosphonofluoridic acid, 1-methylethyl-, cycloheptyl ester | (502-41-0)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, cyclooctyl ester | (696-71-9)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, cyclopentyl-methyl ester | (3637-61-4)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, decyl ester | (112-30-1)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, hept-2-yl ester | (543-49-7)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, hept-3-yl ester | (589-82-2)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, non-2-yl ester | (628-99-9)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, non-3-yl ester | (624-51-1)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, non-5-yl ester | (623-93-8)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, nonyl ester | (143-08-8)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, oct-2-yl ester | (123-96-6)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, oct-3-yl ester | (20296-29-1)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, oct-4-yl ester | (589-62-8)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-, octyl ester | (111-87-5)-I1A1 |
| Phosphonofluoridic acid, 1-methylethyl-,2,2-dimethyl-pent-3-yl ester | (3970-62-5)-I1A1 |
| Phosphonofluoridic acid, 3-methyl-cyclopentyl ester | (18729-48-1)-HA1 |
| Phosphonofluoridic acid, ethyl-, 1,2,2-trimethylpropyl ester | 97931-20-9 |
| Phosphonofluoridic acid, ethyl-, 1-cyclohexyl-ethyl ester | (1193-81-3)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 1-methylethyl ester | 1189-87-3 |
| Phosphonofluoridic acid, ethyl-, 1-methylpropyl ester | 162085-83-8 |
| Phosphonofluoridic acid, ethyl-, 2,2-dimethyl-pent-3-yl ester | (3970-62-5)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 2,3-dimethyl-cyclohexyl ester | (1502-24-5)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 2,4,4-trimethyl-pentyl ester | (16325-63-6)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 2,4-dimethyl-pent-3-yl ester | (600-36-2)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 2,6-dimethyl-cyclohexyl ester | (5337-72-4)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 2-ethyl-cyclohexyl ester | (3760-20-1)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 2-methyl-cyclopentyl ester | (24070-77-7)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 2-methyl-hexl-3-yl ester | (617-29-8)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 2-methylpropyl ester | 2261-83-8 |
| Phosphonofluoridic acid, ethyl-, 2-propyl-pentyl ester | (58175-57-8)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 3,5-dimethyl-cyclohexyl ester | (5441-52-1)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 3,7-dimethyl-octyl ester | (106-21-8)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 3-cyclohexyl-propyl ester | (1124-63-6)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 3-cyclopentyl-propyl ester | (767-05-5)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 3-methyl-cyclohexyl ester | (591-23-1)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 3-methyl-cyclopentyl ester | (18729-48-1)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 3-methyl-pent-2-yl ester | (565-60-6)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 4,4-dimethyl-pent-2-yl ester | (6144-93-0)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 4-ethyl-cyclohexyl ester | (4534-74-1)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 4-methyl-cyclohexyl ester | (589-91-3)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 4-methyl-hept-3-yl ester | (14979-39-6)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 5-methyl-hex-2-yl ester | (627-59-8)-E1A1 |
| Phosphonofluoridic acid, ethyl-, 6-methyl-hept-2-yl ester | (4730-22-7)-E1A1 |
| Phosphonofluoridic acid, ethyl-, butyl ester | 18358-34-4 |
| Phosphonofluoridic acid, ethyl-, cyclohexyl ester | 7284-84-6 |
| Phosphonofluoridic acid, ethyl-, cyclohexyl-methyl ester | (100-49-2)-E1A1 |
| Phosphonofluoridic acid, ethyl-, cyclooctyl ester | (696-71-9)-E1A1 |
| Phosphonofluoridic acid, ethyl-, cyclopentyl-methyl ester | (3637-61-4)-E1A1 |
| Phosphonofluoridic acid, ethyl-, dec-2-yl ester | (1120-06-5)-E1A1 |
| Phosphonofluoridic acid, ethyl-, decyl ester | (112-30-1)-E1A1 |
| Phosphonofluoridic acid, ethyl-, ethyl ester | 650-20-4 |
| Phosphonofluoridic acid, ethyl-, hept-2-yl ester | (543-49-7)-E1A1 |
| Phosphonofluoridic acid, ethyl-, hept-3-yl ester | (589-82-2)-E1A1 |
| Phosphonofluoridic acid, ethyl-, heptyl ester | 162085-85-0 |

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|--|-------------------|
| Phosphonofluoridic acid, ethyl-, hexyl ester | 135445-19-1 |
| Phosphonofluoridic acid, ethyl-, isobutyl ester | 2261-83-8 |
| Phosphonofluoridic acid, ethyl-, isopropyl ester | 1189-87-3 |
| Phosphonofluoridic acid, ethyl-, methyl ester | 665-03-2 |
| Phosphonofluoridic acid, ethyl-, non-2-yl ester | (628-99-9)-E1A1 |
| Phosphonofluoridic acid, ethyl-, non-3-yl ester | (624-51-1)-E1A1 |
| Phosphonofluoridic acid, ethyl-, non-5-yl ester | (623-93-8)-E1A1 |
| Phosphonofluoridic acid, ethyl-, nonyl ester | (143-08-8)-E1A1 |
| Phosphonofluoridic acid, ethyl-, oct-2-yl ester | (123-96-6)-E1A1 |
| Phosphonofluoridic acid, ethyl-, oct-3-yl ester | (20296-29-1)-E1A1 |
| Phosphonofluoridic acid, ethyl-, oct-4-yl ester | (589-62-8)-E1A1 |
| Phosphonofluoridic acid, ethyl-, oct-4-yl-ester | (598-62-8)-E1A1 |
| Phosphonofluoridic acid, ethyl-, octyl ester | (111-87-5)-E1A1 |
| Phosphonofluoridic acid, ethyl-, pentyl ester | 162085-84-9 |
| Phosphonofluoridic acid, ethyl-, phenyl ester | (108-95-2)-E1A1 |
| Phosphonofluoridic acid, ethyl-, propyl ester | 2992-95-2 |
| Phosphonofluoridic acid, isopropyl-, ethyl ester | 1426-08-0 |
| Phosphonofluoridic acid, isopropyl-, isopropyl ester | 665-33-8 |
| Phosphonofluoridic acid, methyl-, 1,1-dimethylethyl ester | 13273-12-6 |
| Phosphonofluoridic acid, methyl-, 1,2,2-tri(methyl-d3)propyl-1,3,3,3-d4 ester | 108202-65-9 |
| Phosphonofluoridic acid, methyl-, 1,2,2-trimethylpropyl ester | 96-64-0 |
| Phosphonofluoridic acid, methyl-, 1,2,2-trimethylpropyl ester, (1R)- | 89254-46-6 |
| Phosphonofluoridic acid, methyl-, 1,2,2-trimethylpropyl ester, (1S)- | 89254-45-5 |
| Phosphonofluoridic acid, methyl-, 1,2,2-trimethylpropyl ester, labelled with tritium | 104801-10-7 |
| Phosphonofluoridic acid, methyl-, 1,2-dimethylpropyl ester | 6154-51-4 |
| Phosphonofluoridic acid, methyl-, 1,3-dimethylbutyl ester | 352-53-4 |
| Phosphonofluoridic acid, methyl-, 1,4-dimethylpentyl ester | 199850-62-9 |
| Phosphonofluoridic acid, methyl-, 1-cyclohexyl-ethyl ester | (1193-81-3)-M1A1 |
| Phosphonofluoridic acid, methyl-, 1-ethylpropyl ester | 66348-71-8 |
| Phosphonofluoridic acid, methyl-, 1-methyl-2-propynyl ester | 30593-71-6 |
| Phosphonofluoridic acid, methyl-, 1-methylbutyl ester | 761-93-3 |
| Phosphonofluoridic acid, methyl-, 1-methylethyl ester | 107-44-8 |
| Phosphonofluoridic acid, methyl-, 1-methylethyl ester, labeled with tritium | 104801-07-2 |
| Phosphonofluoridic acid, methyl-, 1-methylheptyl ester | 22925-97-9 |
| Phosphonofluoridic acid, methyl-, 1-methylheptyl ester, (R,R)- | 22925-96-8 |
| Phosphonofluoridic acid, methyl-, 1-methylheptyl ester, (S,S)- | 24753-12-6 |
| Phosphonofluoridic acid, methyl-, 1-methylheptyl ester, [R-(R*,R*)]- | 22925-96-8 |
| Phosphonofluoridic acid, methyl-, 1-methylheptyl ester, [S-(R*,R*)]- | 24753-12-6 |
| Phosphonofluoridic acid, methyl-, 1-methylpentyl ester | 13172-12-8 |
| Phosphonofluoridic acid, methyl-, 1-methylpropyl ester | 352-52-3 |
| Phosphonofluoridic acid, methyl-, 2,2-dimethyl-pent-3-yl ester | (3970-62-5)-M1A1 |
| Phosphonofluoridic acid, methyl-, 2,2-dimethylpropyl ester | 372-62-3 |
| Phosphonofluoridic acid, methyl-, 2,3-dimethyl-cyclohexyl ester | (1502-24-5)-M1A1 |
| Phosphonofluoridic acid, methyl-, 2,3-dimethylbutyl ester | 83563-66-0 |
| Phosphonofluoridic acid, methyl-, 2,4,4-trimethyl-pentyl ester | (16325-63-6)-M1A1 |
| Phosphonofluoridic acid, methyl-, 2,6-dimethyl-cyclohexyl ester | (5337-72-4)-M1A1 |
| Phosphonofluoridic acid, methyl-, 2,6-dimethyl-hept-4-yl ester | (108-82-7)-M1A1 |
| Phosphonofluoridic acid, methyl-, 2-butenyl ester, (E)- | 138780-00-4 |
| Phosphonofluoridic acid, methyl-, 2-ethylbutyl ester | 126204-48-6 |
| Phosphonofluoridic acid, methyl-, 2-ethylhexyl ester | 458-71-9 |
| Phosphonofluoridic acid, methyl-, 2-methyl-cyclopentyl ester | (24070-77-7)-M1A1 |
| Phosphonofluoridic acid, methyl-, 2-methyl-hex-3-yl ester | (617-29-8)-M1A1 |
| Phosphonofluoridic acid, methyl-, 2-methylcyclohexyl ester | 85473-32-1 |
| Phosphonofluoridic acid, methyl-, 2-methylpropyl ester | 2053-81-8 |

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|--|-------------------|
| Phosphonofluoridic acid, methyl-, 2-propyl-pentyl ester | (58175-57-8)-M1A1 |
| Phosphonofluoridic acid, methyl-, 3,3-dimethylbutyl ester | 660-21-9 |
| Phosphonofluoridic acid, methyl-, 3-cyclohexyl-propyl ester | (1124-63-6)-M1A1 |
| Phosphonofluoridic acid, methyl-, 3-cyclopentyl-propyl ester | (767-05-5)-M1A1 |
| Phosphonofluoridic acid, methyl-, 3-methyl-cyclopentyl ester | (18729-48-1)-M1A1 |
| Phosphonofluoridic acid, methyl-, 3-methyl-pent-2-yl ester | (565-60-6)-M1A1 |
| Phosphonofluoridic acid, methyl-, 3-methylbutyl ester | 22107-46-6 |
| Phosphonofluoridic acid, methyl-, 4-ethyl-cyclohexyl ester | (4534-74-1)-M1A1 |
| Phosphonofluoridic acid, methyl-, 4-methyl-hept-3-yl ester | (14979-39-6)-M1A1 |
| Phosphonofluoridic acid, methyl-, 4-methylcyclohexyl ester | 113548-87-1 |
| Phosphonofluoridic acid, methyl-, 5-methyl-hex-2-yl ester | (627-59-8)-M1A1 |
| Phosphonofluoridic acid, methyl-, butyl ester | 352-63-6 |
| Phosphonofluoridic acid, methyl-, cyclohexyl ester | 329-99-7 |
| Phosphonofluoridic acid, methyl-, cyclohexyl-methyl ester | (100-49-2)-M1A1 |
| Phosphonofluoridic acid, methyl-, cyclooctyl ester | 14719-38-1 |
| Phosphonofluoridic acid, methyl-, cyclopentyl ester | 7284-82-4 |
| Phosphonofluoridic acid, methyl-, cyclopentyl ester, (.+.-)- | 38184-39-3 |
| Phosphonofluoridic acid, methyl-, cyclopentyl-methyl ester | (3637-61-4)-M1A1 |
| Phosphonofluoridic acid, methyl-, dec-2-yl ester | (1120-06-5)-M1A1 |
| Phosphonofluoridic acid, methyl-, decyl ester | 193090-25-4 |
| Phosphonofluoridic acid, methyl-, ethyl ester | 673-97-2 |
| Phosphonofluoridic acid, methyl-, heptyl ester | 162085-82-7 |
| Phosphonofluoridic acid, methyl-, hexyl ester | 113548-89-3 |
| Phosphonofluoridic acid, methyl-, isobutyl ester | 2053-81-8 |
| Phosphonofluoridic acid, methyl-, isopentyl ester (8Cl) | 22107-46-6 |
| Phosphonofluoridic acid, methyl-, isopropyl ester | 107-44-8 |
| Phosphonofluoridic acid, methyl-, methyl ester | 353-88-8 |
| Phosphonofluoridic acid, methyl-, neopentyl ester | 372-62-3 |
| Phosphonofluoridic acid, methyl-, non-2-yl ester | (628-99-9)-M1A1 |
| Phosphonofluoridic acid, methyl-, non-3-yl ester | (624-51-1)-M1A1 |
| Phosphonofluoridic acid, methyl-, non-5-yl ester | (623-93-8)-M1A1 |
| Phosphonofluoridic acid, methyl-, nonyl ester | 211192-74-4 |
| Phosphonofluoridic acid, methyl-, oct-4-yl ester | (589-62-8)-M1A1 |
| Phosphonofluoridic acid, methyl-, octyl ester | 144313-52-0 |
| Phosphonofluoridic acid, methyl-, pentyl ester | 13454-59-6 |
| Phosphonofluoridic acid, methyl-, phenyl ester | 133826-40-1 |
| Phosphonofluoridic acid, methyl-, propyl ester | 763-14-4 |
| Phosphonofluoridic acid, methyl-, sec-butyl ester | 352-52-3 |
| Phosphonofluoridic acid, methyl-, tert-butyl ester | 13273-12-6 |
| Phosphonofluoridic acid, methyl-d3, 1-methylethyl ester | 104801-08-3 |
| Phosphonofluoridic acid, methyl-d3-, 1,2,2-trimethylpropyl ester | 104801-09-4 |
| Phosphonofluoridic acid, propyl-, 1-cyclohexyl-ethyl ester | (1193-81-3)-P1A1 |
| Phosphonofluoridic acid, propyl-, 1-methylethyl ester | 18358-37-7 |
| Phosphonofluoridic acid, propyl-, 2,2-dimethyl-pent-3-yl ester | (3970-62-5)-P1A1 |
| Phosphonofluoridic acid, propyl-, 2,3-dimethyl-cyclohexyl ester | (1502-24-5)-P1A1 |
| Phosphonofluoridic acid, propyl-, 2,4,4-trimethyl-pentyl ester | (16325-63-6)-P1A1 |
| Phosphonofluoridic acid, propyl-, 2,4-dimethyl-pent-3-yl ester | (600-36-2)-P1A1 |
| Phosphonofluoridic acid, propyl-, 2,6-dimethyl-cyclohexyl ester | (5337-72-4)-P1A1 |
| Phosphonofluoridic acid, propyl-, 2,6-dimethyl-hept-4-yl ester | (108-82-7)-P1A1 |
| Phosphonofluoridic acid, propyl-, 2-cyclohexyl-ethyl ester | (4442-79-9)-P1A1 |
| Phosphonofluoridic acid, propyl-, 2-ethyl-cyclohexyl ester | (3760-20-1)-P1A1 |
| Phosphonofluoridic acid, propyl-, 2-ethyl-hexyl ester | (104-76-7)-P1A1 |
| Phosphonofluoridic acid, propyl-, 2-methyl-cyclopentyl ester | (24070-77-7)-P1A1 |
| Phosphonofluoridic acid, propyl-, 2-methyl-hex-3-yl ester | (617-29-8)-P1A1 |

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|---|----------------------|
| Phosphonofluoridic acid, propyl-, 2-propyl-pentyl ester | (58175-57-8)-P1A1 |
| Phosphonofluoridic acid, propyl-, 3,5,5-trimethyl-hexyl ester | (3452-97-9)-P1A1 |
| Phosphonofluoridic acid, propyl-, 3,5-dimethyl-cyclohexyl ester | (5441-52-1)-P1A1 |
| Phosphonofluoridic acid, propyl-, 3,7-dimethyloctyl ester | (106-21-8)-P1A1 |
| Phosphonofluoridic acid, propyl-, 3-cyclohexyl-propyl ester | (1124-63-6)-P1A1 |
| Phosphonofluoridic acid, propyl-, 3-cyclopentyl-propyl ester | (767-05-5)-P1A1 |
| Phosphonofluoridic acid, propyl-, 3-methyl-pent-2-yl ester | (565-60-6)-P1A1 |
| Phosphonofluoridic acid, propyl-, 4,4-dimethyl-pent-2-yl ester | (6144-93-0)-P1A1 |
| Phosphonofluoridic acid, propyl-, 4-ethyl-cyclohexyl ester | (4534-74-1)-P1A1 |
| Phosphonofluoridic acid, propyl-, 4-methyl-hept-3-yl ester | (14979-39-6)-P1A1 |
| Phosphonofluoridic acid, propyl-, 5-methyl-hex-2-yl ester | (627-59-8)-P1A1 |
| Phosphonofluoridic acid, propyl-, 6-methyl-hept-2-yl ester | (4730-22-7)-P1A1 |
| Phosphonofluoridic acid, propyl-, cyclohexyl ester | 28364-21-8 |
| Phosphonofluoridic acid, propyl-, cyclooctyl ester | (696-71-9)-P1A1 |
| Phosphonofluoridic acid, propyl-, cyclopentyl-methyl ester | (3637-61-4)-P1A1 |
| Phosphonofluoridic acid, propyl-, dec-2-yl ester | (1120-06-5)-P1A1 |
| Phosphonofluoridic acid, propyl-, decyl ester | (112-30-1)-P1A1 |
| Phosphonofluoridic acid, propyl-, isopropyl ester | 18358-37-7 |
| Phosphonofluoridic acid, propyl-, non-2-yl ester | (628-99-9)-P1A1 |
| Phosphonofluoridic acid, propyl-, non-3-yl ester | (624-51-1)-P1A1 |
| Phosphonofluoridic acid, propyl-, non-5-yl ester | (623-93-8)-P1A1 |
| Phosphonofluoridic acid, propyl-, nonyl ester | (143-08-8)-P1A1 |
| Phosphonofluoridic acid, propyl-, oct-2-yl ester | (123-96-6)-P1A1 |
| Phosphonofluoridic acid, propyl-, oct-3-yl ester | (20296-29-1)-P1A1 |
| Phosphonofluoridic acid, propyl-, oct-4-yl ester | (589-62-8)-P1A1 |
| Phosphonofluoridic acid, propyl-, octyl ester | (111-87-5)-P1A1 |
| Phosphonofluoridic acid, propyl-, propyl ester | 18358-36-6 |
| Phosphonofluoridic acid, 1-methylethyl-, 2,4-dimethyl-pent-3-yl ester | (600-36-2)-I1A1 |
| Phosphonothioic acid, ethyl- | 13991-98-5 |
| Phosphonothioic acid, ethyl-, S-(2-diethylaminoethyl) O-ethyl ester, oxalate | 108302-04-1 |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl] O-(1-methylethyl) ester | 162085-93-0 |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl] O-ethyl ester | 21738-25-0 |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl] O-methyl ester | 170800-77-8 |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-(2-methyl)cyclopentyl ester | (24070-77-7)-E1A3-EE |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-(2-methyl)cyclopentyl ester | (24070-77-7)-E1A3-MM |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-2-methylpentyl ester | (105-30-6)-E1A3-EE |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-2-methylpentyl ester | (105-30-6)-E1A3-MM |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-3,3-dimethylbut-2-yl ester | (464-07-3)-E1A3-EE |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-3,3-dimethylbut-2-yl ester | (464-07-3)-E1A3-MM |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-3-methylpent-2-yl ester | (565-60-6)-E1A3-MM |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-3-methylpent-2-yl ester | (565-60-6)-E1A3-EE |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-cyclohexyl ester | (108-93-0)-E1A3-EE |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-decyl ester | (112-30-1)-E1A3-MM |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-decyl ester | (112-30-1)-E1A3-EE |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-heptyl ester | (111-70-6)-E1A3-EE |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-heptyl ester | (111-70-6)-E1A3-MM |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-hex-2-yl ester | (626-93-7)-E1A3-EE |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-hex-2-yl ester | (626-93-7)-E1A3-MM |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-hex-3-yl ester | (623-37-0)-E1A3-EE |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-hex-3-yl ester | (623-37-0)-E1A3-MM |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-hexyl ester | (111-27-3)-E1A3-MM |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-hexyl ester | (111-27-3)-E1A3-EE |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-nonyl ester | (143-08-8)-E1A3-EE |
| Phosphonothioic acid, ethyl-, S-[2-(diethylamino)ethyl]-O-octyl ester | (111-87-5)-E1A3-EE |

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| Phosphonothioic acid, ethyl-, S-[2-(dimethylamino)ethyl] O-(1-methylethyl) ester | 162085-92-9 |
| Phosphonothioic acid, ethyl-, S-[2-(dimethylamino)ethyl] O-ethyl ester | 98543-25-0 |
| Phosphonothioic acid, ethyl-, S-[2-(dimethylamino)ethyl]-O-nonyl ester | (143-08-8)-E1A3-MM |
| Phosphonothioic acid, ethyl-, S-[2-(dipropylamino)ethyl]-O-3,3-dimethylbut-2-yl ester | (464-07-3)-E1A3-PP |
| Phosphonothioic acid, ethyl-, S-[2-(dipropylamino)ethyl]-O-methylpentyl ester | (105-30-6)-E1A3-PP |
| Phosphonothioic acid, ethyl-, S-[2-(dipropylamino)ethyl]-O-(2-methyl)cyclopentyl ester | (24070-77-7)-E1A3-PP |
| Phosphonothioic acid, ethyl-, S-[2-(dipropylamino)ethyl]-O-3-methylpent-2-yl ester | (565-60-6)-E1A3-PP |
| Phosphonothioic acid, ethyl-, S-[2-(dipropylamino)ethyl]-O-cyclohexyl ester | (108-93-0)-E1A3-PP |
| Phosphonothioic acid, ethyl-, S-[2-(dipropylamino)ethyl]-O-decyl ester | (112-30-1)-E1A3-PP |
| Phosphonothioic acid, ethyl-, S-[2-(dipropylamino)ethyl]-O-heptyl ester | (111-70-6)-E1A3-PP |
| Phosphonothioic acid, ethyl-, S-[2-(dipropylamino)ethyl]-O-hex-2-yl ester | (626-93-7)-E1A3-PP |
| Phosphonothioic acid, ethyl-, S-[2-(dipropylamino)ethyl]-O-hex-3-yl ester | (623-37-0)-E1A3-PP |
| Phosphonothioic acid, ethyl-, S-[2-(dipropylamino)ethyl]-O-hexyl ester | (111-27-3)-E1A3-PP |
| Phosphonothioic acid, ethyl-, S-[2-(dipropylamino)ethyl]-O-nonyl ester | (143-08-8)-E1A3-PP |
| Phosphonothioic acid, ethyl-, S-[2-(dipropylamino)ethyl]-O-octyl ester | (111-87-5)-E1A3-PP |
| Phosphonothioic acid, ethyl-, S-[2-[bis(1-methylethyl)amino]ethyl] O-(1-methylethyl) ester | 162085-95-2 |
| Phosphonothioic acid, ethyl-, S-[2-[bis(1-methylethyl)amino]ethyl] O-ethyl ester | 73835-17-3 |
| Phosphonothioic acid, ethyl-, S-[2-[bis(1-methylethyl)amino]ethyl] O-methyl ester | 162085-94-1 |
| Phosphonothioic acid, ethyl-, S-[2-[bis(1-methylethyl)amino]ethyl]-O-(2-methyl)cyclopentyl ester | (24070-77-7)-E1A3-II |
| Phosphonothioic acid, ethyl-, S-[2-[bis(1-methylethyl)amino]ethyl]-O-2-methylpentyl ester | (105-30-6)-E1A3-II |
| Phosphonothioic acid, ethyl-, S-[2-[bis(1-methylethyl)amino]ethyl]-O-3,3-dimethylbut-2-yl ester | (464-07-3)-E1A3-II |
| Phosphonothioic acid, ethyl-, S-[2-[bis(1-methylethyl)amino]ethyl]-O-hex-2-yl ester | (626-93-7)-E1A3-II |
| Phosphonothioic acid, ethyl-, S-[2-[bis(1-methylethyl)amino]ethyl]-O-hex-3-yl ester | (623-37-0)-E1A3-II |
| Phosphonothioic acid, ethyl-, S-[2-[bis(1-methylethyl)amino]ethyl]-O-hexyl ester | (111-27-3)-E1A3-II |
| Phosphonothioic acid, ethyl-, S-[2-[bis(1-methylethyl)amino]ethyl]-O-octyl ester | (111-87-5)-E1A3-II |
| Phosphonothioic acid, ethyl-, S-[2-bis-(1-methylethyl)amino]ethyl]-O-3-methylpent-2-yl ester | (565-60-6)-E1A3-II |
| Phosphonothioic acid, ethyl-, S-[2-bis-(1-methylethyl)amino]ethyl]-O-cyclohexyl ester | (108-93-0)-E1A3-II |
| Phosphonothioic acid, ethyl-, S-[2-bis-(1-methylethyl)amino]ethyl]-O-decyl ester | (112-30-1)-E1A3-II |
| Phosphonothioic acid, ethyl-, S-[2-bis-(1-methylethyl)amino]ethyl]-O-heptyl ester | (111-70-6)-E1A3-II |
| Phosphonothioic acid, ethyl-, S-[2-bis-(1-methylethyl)amino]ethyl]-O-hex-2-yl ester | (143-08-8)-E1A3-II |
| Phosphonothioic acid, isopropyl-, S-(2-diethylaminoethyl) O-ethyl ester | 99991-06-7 |
| Phosphonothioic acid, methyl- | 5994-73-0 |
| Phosphonothioic acid, methyl-, O-(1-methylethyl) ester, sodium salt | 92475-33-7 |
| Phosphonothioic acid, methyl-, O-(2-methylpropyl) ester | 20626-99-7 |
| Phosphonothioic acid, methyl-, O-(2-methylpropyl) ester, sodium salt | 74789-32-5 |
| Phosphonothioic acid, methyl-, O-cyclohexyl S-[2-(diethylamino)ethyl] ester | 71293-89-5 |
| Phosphonothioic acid, methyl-, O-cyclopentyl S-[2-(diethylamino)ethyl] ester | 93240-66-5 |
| Phosphonothioic acid, methyl-, O-cyclopentyl S-[2-(dimethylamino)ethyl] ester | 22925-98-0 |
| Phosphonothioic acid, methyl-, O-ethyl ester | 18005-40-8 |
| Phosphonothioic acid, methyl-, O-ethyl ester, sodium salt | 22307-81-9 |
| Phosphonothioic acid, methyl-, O-isobutyl ester | 20626-99-7 |
| Phosphonothioic acid, methyl-, O-isopropyl ester, S-ester with (2-mercaptoethyl)trimethylammonium iodide | 1866-98-4 |
| Phosphonothioic acid, methyl-, O-isopropyl ester, S-ester with (2-mercaptoethyl)trimethylammonium iodide, (-)- | 26348-71-0 |
| Phosphonothioic acid, methyl-, O-isopropyl ester, sodium salt | 92475-33-7 |
| Phosphonothioic acid, methyl-, O-isopropyl S-ester with (2-mercaptoethyl)trimethylammonium iodide, (R)-(-)- | 26348-71-0 |
| Phosphonothioic acid, methyl-, O-methyl ester, sodium salt | 74789-31-4 |
| Phosphonothioic acid, methyl-, O-propyl ester, sodium salt | 51825-84-4 |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl] ester | 21068-51-9 |

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|---|----------------------|
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl] O-(1-methylethyl) ester | 91134-95-1 |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl] O-(2-methylpropyl) ester | 159939-87-4 |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl] O-ethyl ester | 21770-86-5 |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl]-O-(2-methyl)cyclopentyl ester | (24070-77-7)-M1A3-EE |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl]-O-2-methylpentyl ester | (105-30-6)-M1A3-EE |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl]-O-3-methylpent-2-yl ester | (565-60-6)-M1A3-EE |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl]-O-decyl ester | (112-30-1)-M1A3-EE |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl]-O-heptyl ester | (111-70-6)-M1A3-EE |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl]-O-hex-2-yl ester | (626-93-7)-M1A3-EE |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl]-O-hex-3-yl ester | (623-37-0)-M1A3-EE |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl]-O-hexyl ester | (111-27-3)-M1A3-EE |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl]-O-methyl ester | (67-56-1)-M1A3-EE |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl]-O-nonyl ester | (143-08-8)-M1A3-EE |
| Phosphonothioic acid, methyl-, S-[2-(diethylamino)ethyl]-O-octyl ester | (111-87-5)-M1A3-EE |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl] ester | 34256-71-8 |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl] O-(1-methylethyl) ester | 21068-52-0 |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl] O-(1-methylethyl) ester, (R)- | 13915-99-6 |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl] O-(1-methylethyl) ester, (S)- | 13915-98-5 |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl] O-(2-methylpropyl) ester | 56217-65-3 |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl] O-ethyl ester | 20820-80-8 |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl] O-isopropyl ester | 21068-52-0 |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl] O-methyl ester | 108490-92-2 |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl]-O-(2-methyl)cyclopentyl ester | (24070-77-7)-M1A3-MM |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl]-O-2-methylpentyl ester | (105-30-6)-M1A3-MM |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl]-O-2-methylpentyl ester | (105-30-6)-M1A3-PP |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl]-O-3-methylpent-2-yl ester | (565-60-6)-M1A3-MM |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl]-O-but-2-yl ester | (78-92-2)-M1A3-MM |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl]-O-decyl ester | (112-30-1)-M1A3-MM |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl]-O-heptyl ester | (111-70-6)-M1A3-MM |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl]-O-hex-3-yl ester | (623-37-0)-M1A3-MM |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl]-O-nonyl ester | (143-08-8)-M1A3-MM |
| Phosphonothioic acid, methyl-, S-[2-(dimethylamino)ethyl]-O-octyl ester | (111-87-5)-M1A3-MM |
| Phosphonothioic acid, methyl-, S-[2-(dipropylamino)ethyl] ester | 30102-97-7 |
| Phosphonothioic acid, methyl-, S-[2-(dipropylamino)ethyl] O-ethyl ester | 62512-68-9 |
| Phosphonothioic acid, methyl-, S-[2-(dipropylamino)ethyl]-O-(2-methyl)cyclopentyl ester | (24070-77-7)-M1A3-PP |
| Phosphonothioic acid, methyl-, S-[2-(dipropylamino)ethyl]-O-3,3-dimethylbut-2-yl ester | (464-07-3)-M1A3-PP |
| Phosphonothioic acid, methyl-, S-[2-(dipropylamino)ethyl]-O-3-methylpent-2-yl ester | (565-60-6)-M1A3-PP |
| Phosphonothioic acid, methyl-, S-[2-(dipropylamino)ethyl]-O-cyclohexyl ester | (108-93-0)-M1A3-PP |
| Phosphonothioic acid, methyl-, S-[2-(dipropylamino)ethyl]-O-decyl ester | (112-30-1)-M1A3-PP |
| Phosphonothioic acid, methyl-, S-[2-(dipropylamino)ethyl]-O-heptyl ester | (111-70-6)-M1A3-PP |
| Phosphonothioic acid, methyl-, S-[2-(dipropylamino)ethyl]-O-hex-2-yl ester | (626-93-7)-M1A3-PP |
| Phosphonothioic acid, methyl-, S-[2-(dipropylamino)ethyl]-O-hexyl ester | (111-27-3)-M1A3-PP |
| Phosphonothioic acid, methyl-, S-[2-(dipropylamino)ethyl]-O-nonyl ester | (143-08-8)-M1A3-PP |
| Phosphonothioic acid, methyl-, S-[2-(dipropylamino)ethyl]-O-octyl ester | (111-87-5)-M1A3-PP |
| Phosphonothioic acid, methyl-, S-[2-[bis(1-methylethyl)amino]ethyl] ester | 73207-98-4 |
| Phosphonothioic acid, methyl-, S-[2-[bis(1-methylethyl)amino]ethyl] O-(1-methylethyl) ester | 51446-23-2 |
| Phosphonothioic acid, methyl-, S-[2-[bis(1-methylethyl)amino]ethyl] O-butyl ester | 52364-46-2 |
| Phosphonothioic acid, methyl-, S-[2-[bis(1-methylethyl)amino]ethyl] O-cyclopentyl ester | 85473-33-2 |

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| Phosphonothioic acid, methyl-, S-[2-[bis(1-methylethyl)amino]ethyl] O-ethyl ester | 50782-69-9 |
| Phosphonothioic acid, methyl-, S-[2-[bis(1-methylethyl)amino]ethyl] O-ethyl ester, (R)- | 65167-63-7 |
| Phosphonothioic acid, methyl-, S-[2-[bis(1-methylethyl)amino]ethyl] O-propyl ester | 52364-45-1 |
| Phosphonothioic acid, methyl-, S-[2-[bis-(1-methylethyl)amino]-ethyl]-O-(2-methyl)cyclopentyl ester | (24070-77-7)-M1A3-II |
| Phosphonothioic acid, methyl-, S-[2-[bis-(1-methylethyl)amino]-ethyl]-O-2-methylpentyl ester | (105-30-6)-M1A3-II |
| Phosphonothioic acid, methyl-, S-[2-[bis-(1-methylethyl)amino]-ethyl]-O-3,3-dimethylbut-2-yl ester | (464-07-3)-M1A3-II |
| Phosphonothioic acid, methyl-, S-[2-[bis-(1-methylethyl)amino]-ethyl]-O-3-methylpent-2-yl ester | (565-60-6)-M1A3-II |
| Phosphonothioic acid, methyl-, S-[2-[bis-(1-methylethyl)amino]-ethyl]-O-cyclohexyl ester | (108-93-0)-M1A3-II |
| Phosphonothioic acid, methyl-, S-[2-[bis-(1-methylethyl)amino]-ethyl]-O-decyl ester | (112-30-1)-M1A3-II |
| Phosphonothioic acid, methyl-, S-[2-[bis-(1-methylethyl)amino]-ethyl]-O-heptyl ester | (111-70-6)-M1A3-II |
| Phosphonothioic acid, methyl-, S-[2-[bis-(1-methylethyl)amino]-ethyl]-O-hex-3-yl ester | (623-37-0)-M1A3-II |
| Phosphonothioic acid, methyl-, S-[2-[bis-(1-methylethyl)amino]-ethyl]-O-nonyl ester | (143-08-8)-M1A3-II |
| Phosphonothioic acid, methyl-, S-[2-[bis-(1-methylethyl)amino]-ethyl]-O-octyl ester | (111-87-5)-M1A3-II |
| Phosphonothioic acid, methyl-, S-ethyl ester | 23023-47-4 |
| Phosphonothioic acid, methyl-, S-methyl ester | 73675-56-6 |
| Phosphonothioic acid, propyl-, S-[2-(dimethylamino)ethyl] O-ethyl ester | 218964-59-1 |
| Phosphonothioic acid-, ethyl-, S-[2-(dimethylamino)ethyl]-O-cyclohexyl ester | (108-93-0)-E1A3-MM |
| Phosphonothioic dichloride, ethyl- | 993-43-1 |
| Phosphonothioic dichloride, methyl- | 676-98-2 |
| Phosphonous acid, (1-methylethyl)-, diethyl ester | 61820-31-3 |
| Phosphonous acid, ethyl-, diethyl ester | 2651-85-6 |
| Phosphonous acid, methyl-, 2-[bis(1-methylethyl)amino]ethyl ethyl ester | 57856-11-8 |
| Phosphonous acid, methyl-, diethyl ester | 15715-41-0 |
| Phosphonous acid, methyl-, ethyl ester | 89034-24-2 |
| Phosphonous acid, methyl-, monoethyl ester | 89034-24-2 |
| Phosphonous dichloride, (1-methylethyl)- | 25235-15-8 |
| Phosphonous dichloride, isopropyl- | 25235-15-8 |
| Phosphonous dichloride, methyl- | 676-83-5 |
| Phosphonyl trichloride | 10025-87-3 |
| Phosphoramidic dichloride, bis(1-methylethyl)- | 23306-80-1 |
| Phosphoramidic dichloride, diethyl- | 1498-54-0 |
| Phosphoramidic dichloride, diisopropyl- | 23306-80-1 |
| Phosphoramidic dichloride, dimethyl- | 677-43-0 |
| Phosphoramidic dichloride, dipropyl- | 40881-98-9 |
| Phosphoramidocyanidic acid, diethyl-, ethyl ester | 63815-60-1 |
| Phosphoramidocyanidic acid, dimethyl-, 1-methylethyl ester | 63815-55-4 |
| Phosphoramidocyanidic acid, dimethyl-, 1-methylpropyl ester | 162085-89-4 |
| Phosphoramidocyanidic acid, dimethyl-, 2-methylpropyl ester | 162085-88-3 |
| Phosphoramidocyanidic acid, dimethyl-, butyl ester | 162085-87-2 |
| Phosphoramidocyanidic acid, dimethyl-, ethyl ester | 77-81-6 |
| Phosphoramidocyanidic acid, dimethyl-, heptyl ester | 162085-91-8 |
| Phosphoramidocyanidic acid, dimethyl-, hexyl ester | 162085-90-7 |
| Phosphoramidocyanidic acid, dimethyl-, methyl ester | 63815-56-5 |
| Phosphoramidocyanidic acid, dimethyl-, pentyl ester | 148461-87-4 |
| Phosphoramidocyanidic acid, dimethyl-, propyl ester | 162085-86-1 |
| Phosphorane, pentachloro- | 10026-13-8 |
| Phosphoric chloride | 10025-87-3 |
| Phosphoric chloride | 10026-13-8 |
| Phosphoric trichloride | 10025-87-3 |

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| Phosphorothioic acid, S-[2-(diethylamino)ethyl] O,O-diethyl ester | 78-53-5 |
| Phosphorous acid, triethyl ester | 122-52-1 |
| Phosphorous acid, trimethyl ester | 121-45-9 |
| Phosphorous chloride | 7719-12-2 |
| Phosphorous oxychloride | 10025-87-3 |
| Phosphorous pentachloride | 10026-13-8 |
| Phosphorous trichloride | 7719-12-2 |
| Phosphoroxychloride | 10025-87-3 |
| Phosphoroxyltrichloride | 10025-87-3 |
| Phosphorus chloride (Cl ₆ P ₂) | 7719-12-2 |
| Phosphorus chloride (PCl ₃) | 7719-12-2 |
| Phosphorus chloride (PCl ₅) | 10026-13-8 |
| Phosphorus chloride oxide (PCl ₃ O) | 10025-87-3 |
| Phosphorus chloride oxide (POCl ₃) | 10025-87-3 |
| Phosphorus monoxide trichloride | 10025-87-3 |
| Phosphorus oxide trichloride | 10025-87-3 |
| Phosphorus oxychloride | 10025-87-3 |
| Phosphorus oxytrichloride | 10025-87-3 |
| Phosphorus pentachloride | 10026-13-8 |
| Phosphorus perchloride | 10026-13-8 |
| Phosphorus trichloride oxide | 10025-87-3 |
| Phosphorus(V) chloride | 10026-13-8 |
| Phosphoryl chloride | 10025-87-3 |
| Phosphoryl trichloride | 10025-87-3 |
| Picfume | 76-06-2 |
| Pinacoloxymethylphosphoryl fluoride | 96-64-0 |
| Pinacolyl alcohol | 464-07-3 |
| Pinacolyl ethylphosphonofluoridate | 97931-20-9 |
| Pinacolyl isopropylphosphonofluoridate | (464-07-3)-I1A1 |
| Pinacolyl methyl-d ₃ -phosphonofluoridate | 104801-09-4 |
| Pinacolyl methylfluorophosphonate | 96-64-0 |
| Pinacolyl methylphosphonochloridate | 7040-57-5 |
| Pinacolyl methylphosphonofluoridate | 96-64-0 |
| Pinacolyl methylphosphonofluoridate d ₃ | 104801-09-4 |
| Pinacolyl N,N-diethylphosphoramidocyanidate | (464-07-3)-1A2-EE |
| Pinacolyl N,N-diisopropylphosphoramidocyanidate | (464-07-3)-1A2-II |
| Pinacolyl N,N-dimethylphosphoramidocyanidate | (464-07-3)-1A2-MM |
| Pinacolyl N,N-dipropylphosphoramidocyanidate | (464-07-3)-1A2-PP |
| Pinacolyl N-isopropyl-N-propylphosphoramidocyanidate | (464-07-3)-1A2-IP |
| Pinacolyl propylphosphonofluoridate | (464-07-3)-P1A1 |
| Pinacolyl S-2-diethylaminoethyl methylphosphonothiolate | (464-07-3)-M1A3-EE |
| Pinacolyl-d ₁₃ methylphosphonofluoridate | 108202-65-9 |
| Pinacolyl-tx methylphosphonofluoridate | 104801-10-7 |
| PMFP | 96-64-0 |
| PPA | 4672-38-2 |
| Propane, 1,3-bis[(2-chloroethyl)thio]- | 63905-10-2 |
| Propanephosphonic acid | 4672-38-2 |
| Propanephosphonic acid anhydride | 71760-04-8 |
| Propanephosphonic anhydride | 71760-04-8 |
| Propene, pentafluoro-2-(trifluoromethyl)- | 382-21-8 |
| Propyl diethylamidocyanidophosphate | (71-23-8)-1A2-EE |
| Propyl diisopropylamidocyanidophosphate | (71-23-8)-1A2-II |
| Propyl dimethylamidocyanidophosphate | 162085-86-1 |
| Propyl dipropylamidocyanidophosphate | (71-23-8)-1A2-PP |

| <i>Name</i> | <i>Key/CAS</i> |
|--|-------------------|
| Propyl ethyl(isopropyl)amidocyanidophosphate | (71-23-8)-1A2-EI |
| Propyl ethyl(methyl)amidocyanidophosphate | (71-23-8)-1A2-EM |
| Propyl ethyl(propyl)amidocyanidophosphate | (71-23-8)-1A2-EP |
| Propyl ethylphosphonofluoridate | 2992-95-2 |
| Propyl ethylphosphonofluoridoate | 2992-95-2 |
| Propyl isopropyl(methyl)amidocyanidophosphate | (71-23-8)-1A2-IM |
| Propyl isopropyl(propyl)amidocyanidophosphate | (71-23-8)-1A2-IP |
| Propyl isopropylphosphonofluoridate | (71-23-8)-11A1 |
| Propyl isopropylphosphonofluoridoate | (71-23-8)-11A1 |
| Propyl methyl(propyl)amidocyanidophosphate | (71-23-8)-1A2-MP |
| Propyl methylphosphonofluoridate | 763-14-4 |
| Propyl methylphosphonofluoridoate | 763-14-4 |
| Propyl N,N-diethylphosphoramidocyanidate | (71-23-8)-1A2-EE |
| Propyl N,N-diisopropylphosphoramidocyanidate | (71-23-8)-1A2-II |
| Propyl N,N-dimethylphosphoramidocyanidate | 162085-86-1 |
| Propyl N,N-dipropylphosphoramidocyanidate | (71-23-8)-1A2-PP |
| Propyl N-ethyl-N-isopropylphosphoramidocyanidate | (71-23-8)-1A2-EI |
| Propyl N-ethyl-N-methylphosphoramidocyanidate | (71-23-8)-1A2-EM |
| Propyl N-ethyl-N-propylphosphoramidocyanidate | (71-23-8)-1A2-EP |
| Propyl N-isopropyl-N-methylphosphoramidocyanidate | (71-23-8)-1A2-IM |
| Propyl N-isopropyl-N-propylphosphoramidocyanidate | (71-23-8)-1A2-IP |
| Propyl N-methyl-N-propylphosphoramidocyanidate | (71-23-8)-1A2-MP |
| Propyl propylphosphonofluoridate | 18358-36-6 |
| Propyl propylphosphonofluoridoate | 18358-36-6 |
| Propyl S-2(diethylamino)ethyl propylphosphonothiolate | (71-23-8)-P1A3-EE |
| Propyl S-2-diethylaminoethyl ethylphosphonothiolate | (71-23-8)-E1A3-EE |
| Propyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (71-23-8)-E1A3-II |
| Propyl S-2-diisopropylaminoethyl methylphosphonothiolate | 52364-45-1 |
| Propyl S-2-diisopropylaminoethyl propylphosphonothiolat | (71-23-8)-P1A3-II |
| Propyl S-2-dimethylaminoethyl isopropylphosphonothiolate | (71-23-8)-11A3-MM |
| Propyl S-2-dimethylaminoethyl methylphosphonothiolate | (71-23-8)-M1A3-MM |
| Propyl S-2-dipropylaminoethyl ethylphosphonothiolate | (71-23-8)-E1A3-PP |
| Propyl S-2-dipropylaminoethyl methylphosphonothiolate | (71-23-8)-M1A3-PP |
| Propylphosphonic acid | 4672-38-2 |
| Propylphosphonic anhydride | 68957-94-8 |
| Propylphosphonic dichloride | 4708-04-7 |
| Propylphosphonic dichloride difluoride (Propyl-DIDI) | 97505-35-6 |
| Propylphosphonic difluoride | 690-14-2 |
| Propylphosphonothioic O,O-acid | P2B45 |
| Propylphosphonyl dichloride | 4708-04-7 |
| Propylphosphonyldifluoride | 690-14-2 |
| Proteins, ricins | 9009-86-3 |
| Proteins, specific or class, ricins | 9009-86-3 |
| Prussic acid | 74-90-8 |
| PS | 76-06-2 |
| QL | 57856-11-8 |
| QNB | 6581-06-2 |
| Quinuclidin-3-ol | 1619-34-7 |
| R 5158 | 78-53-5 |
| Ricin | 9009-86-3 |
| Ricin | 96638-28-7 |
| Ricine | 9009-86-3 |
| Ricins | 9009-86-3 |
| Ro 2-3308 | 6581-06-2 |

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|---|---------------------|
| S 27 | 21068-51-9 |
| S 27 (pesticide) | 21068-51-9 |
| S 36 | 21068-52-0 |
| S 36 (enzyme inhibitor) | 21068-52-0 |
| S 40 | 1866-98-4 |
| S 40 (anticholinesterase) | 1866-98-4 |
| S-(2-Diethylaminoethyl) hydrogen methylphosphonothiolate | 21068-51-9 |
| S-(2-Dimethylaminoethyl) hydrogen methylphosphonothiolate | 34256-71-8 |
| S-(2-Dimethylaminoethyl) isopropyl methylphosphonothiolate | 21068-52-0 |
| S-(2-Dimethylaminoethyl) isopropyl methylphosphonothiolate methiodide | 1866-98-4 |
| S-(Diethylamino)ethyl O-ethyl ethylphosphonothioate | 21738-25-0 |
| S-(Diethylaminoethyl) O,O-diethyl phosphorothioate | 78-53-5 |
| S-[2-(Diethylamino)ethyl] hydrogen isopropylphosphonothioate | H-I1A3-EE |
| S-[2-(Diethylamino)ethyl] hydrogen methylphosphonothioate | 21068-51-9 |
| S-[2-(Diethylamino)ethyl] hydrogen propylphosphonothioate | H-P1A3-EE |
| S-[2-(Diethylamino)ethyl] O-(1,2,2-trimethylpropyl) methylphosphonothioate | (464-07-3)-M1A3-EE |
| S-[2-(Diethylamino)ethyl] O-(1,2-dimethylpropyl) ethylphosphonothioate | (598-75-4)-E1A3-EE |
| S-[2-(diethylamino)ethyl] O-(1,2-dimethylpropyl) methylphosphonothioate | (598-75-4)-M1A3-EE |
| S-[2-(Diethylamino)ethyl] O-(1-ethylpropyl) ethylphosphonothioate | (584-02-1)-E1A3-EE |
| S-[2-(Diethylamino)ethyl] O-(1-ethylpropyl) methylphosphonothioate | (584-02-1)-M1A3-EE |
| S-[2-(Diethylamino)ethyl] O-(1-methylbutyl) ethylphosphonothioate | (6032-29-7)-E1A3-EE |
| S-[2-(Diethylamino)ethyl] O-(1-methylbutyl) methylphosphonothioate | (6032-29-7)-M1A3-EE |
| S-[2-(Diethylamino)ethyl] O-(2-methylbutyl) ethylphosphonothioate | (137-32-6)-E1A3-EE |
| S-[2-(Diethylamino)ethyl] O-(2-methylbutyl) methylphosphonothioate | (137-32-6)-M1A3-EE |
| S-[2-(Diethylamino)ethyl] O-3-Methylbut-2-yl ethylphosphonothiolate | (598-75-4)-E1A3-EE |
| S-[2-(diethylamino)ethyl] O-3-methylbut-2-yl methylphosphonothiolate | (598-75-4)-M1A3-EE |
| S-[2-(Diethylamino)ethyl] O-ethyl ethylphosphonothioate | 21738-25-0 |
| S-[2-(Diethylamino)ethyl] O-ethyl isopropylphosphonothioate | 99991-06-7 |
| S-[2-(Diethylamino)ethyl] O-ethyl methylphosphonothioate | 21770-86-5 |
| S-[2-(Diethylamino)ethyl] O-ethyl methylphosphonothiolate | 21770-86-5 |
| S-[2-(Diethylamino)ethyl] O-ethyl propylphosphonothioate | 999991-07-8 |
| S-[2-(Diethylamino)ethyl] O-isobutyl ethylphosphonothioate | (78-83-1)-E1A3-EE |
| S-[2-(Diethylamino)ethyl] O-isobutyl methylphosphonothioate | 159939-87-4 |
| S-[2-(Diethylamino)ethyl] O-isobutyl methylphosphonothioate | 172825-49-9 |
| S-[2-(Diethylamino)ethyl] O-isopentyl ethylphosphonothioate | (123-51-3)-E1A3-EE |
| S-[2-(Diethylamino)ethyl] O-isopropyl ethylphosphonothioate | 162085-93-0 |
| S-[2-(Diethylamino)ethyl] O-isopropyl methylphosphonothioate | 91134-95-1 |
| S-[2-(Diethylamino)ethyl] O-methyl ethylphosphonothioate | 170800-77-8 |
| S-[2-(Diethylamino)ethyl] O-methyl methylphosphonothioate oxalate | 108302-04-1 |
| S-[2-(Diethylamino)ethyl] O-neopentyl ethylphosphonothioate | (75-84-3)-E1A3-MM |
| S-[2-(Diethylamino)ethyl] O-neopentyl ethylphosphonothioate | (75-84-3)-E1A3-EE |
| S-[2-(Diethylamino)ethyl] O-neopentyl methylphosphonothioate | (75-84-3)-M1A3-EE |
| S-[2-(Diethylamino)ethyl] O-pent-2-yl ethylphosphonothiolate | (6032-29-7)-E1A3-EE |
| S-[2-(Diethylamino)ethyl] O-pent-2-yl methylphosphonothiolate | (6032-29-7)-M1A3-EE |
| S-[2-(Diethylamino)ethyl] O-pent-3-yl ethylphosphonothiolate | (584-02-1)-E1A3-EE |
| S-[2-(Diethylamino)ethyl] O-pent-3-yl methylphosphonothiolate | (584-02-1)-M1A3-EE |
| S-[2-(Diethylamino)ethyl] O-pentyl ethylphosphonothioate | (71-41-0)-E1A3-EE |
| S-[2-(Diethylamino)ethyl] O-pentyl methylphosphonothioate | (71-41-0)-M1A3-EE |
| S-[2-(Diethylamino)ethyl] O-propyl ethylphosphonothioate | (71-23-8)-E1A3-EE |
| S-[2-(Diisopropylamino)ethyl] hydrogen isopropylphosphonothioate | H-I1A3-II |
| S-[2-(Diisopropylamino)ethyl] hydrogen propylphosphonothioate | H-P1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-(1,2-dimethylpropyl) ethylphosphonothioate | (598-75-4)-E1A3-II |
| S-[2-(diisopropylamino)ethyl] O-(1,2-dimethylpropyl) methylphosphonothioate | (598-75-4)-M1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-(1-ethylpropyl) methylphosphonothioate | (584-02-1)-E1A3-II |

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| S-[2-(Diisopropylamino)ethyl] O-(1-ethylpropyl) methylphosphonothioate | (584-02-1)-M1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-(1-methylbutyl) ethylphosphonothioate | (6032-29-7)-E1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-(1-methylbutyl) methylphosphonothioate | (6032-29-7)-M1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-(2-methylbutyl) methylphosphonothioate | (137-32-6)-M1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-(sec-butyl) ethylphosphonothioate | (78-92-2)-E1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-(sec-butyl) isopropylphosphonothioate | (78-92-2)-I1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-(sec-butyl) propylphosphonothioate | (78-92-2)-P1A3-II |
| S-[2-(diisopropylamino)ethyl] O-1,2-dimethylpropyl methylphosphonothioate, (-) | (598-75-4)-M1A3-II(-) |
| S-[2-(Diisopropylamino)ethyl] O-1,3-dimethylbutyl methylphosphonothioate | (108-11-2)-M1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-1-ethylpropyl propylphosphonothioate | (584-02-1)-P1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-3-methylbut-2-yl ethylphosphonothiolate | (598-75-4)-E1A3-II |
| S-[2-(diisopropylamino)ethyl] O-3-Methylbut-2-yl methylphosphonothiolate | (598-75-4)-M1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-butyl ethylphosphonothioate | (71-36-3)-E1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-butyl isopropylphosphonothioate | (71-36-3)-I1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-butyl propylphosphonothioate | (71-36-3)-P1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-cyclohexylmethyl isopropylphosphonothioate | (100-49-2)-I1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-cyclohexylmethyl propylphosphonothioate | (100-49-2)-P1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-cyclopentyl ethylphosphonothioate | (96-41-3)-E1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-ethyl ethylphosphonothioate | 73835-17-3 |
| S-[2-(Diisopropylamino)ethyl] O-ethyl isopropylphosphonothioate | (64-17-5)-I1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-ethyl methylphosphonothioate | 50782-69-9 |
| S-[2-(Diisopropylamino)ethyl] O-ethyl methylphosphonothiolate | 50782-69-9 |
| S-[2-(Diisopropylamino)ethyl] O-ethyl propylphosphonothioate | (64-17-5)-P1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-heptyl isopropylphosphonothioate | (111-70-6)-I1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-isobutyl ethylphosphonothioate | (78-83-1)-E1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-isobutyl methylphosphonothioate | (78-83-1)-M1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-isopentyl ethylphosphonothioate | (123-51-3)-E1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-isopentyl methylphosphonothioate | (123-51-3)-M1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-isopropyl ethylphosphonothioate | 162085-95-2 |
| S-[2-(Diisopropylamino)ethyl] O-isopropyl isopropylphosphonothioate | (67-63-0)-I1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-isopropyl methylphosphonothioate | 51446-23-2 |
| S-[2-(Diisopropylamino)ethyl] O-methyl ethylphosphonothioate | 162085-94-1 |
| S-[2-(Diisopropylamino)ethyl] O-methyl isopropylphosphonothioate | (67-56-1)-I1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-methyl methylphosphonothioate | 198830-32-9 |
| S-[2-(Diisopropylamino)ethyl] O-methyl propylphosphonothioate | (67-56-1)-P1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-neopentyl ethylphosphonothioate | (75-84-3)-E1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-neopentyl methylphosphonothioate | (75-84-3)-M1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-neopentyl methylphosphonothioate, (-) | (75-84-3)-M1A3-II(-) |
| S-[2-(Diisopropylamino)ethyl] O-pent-2-yl ethylphosphonothiolate | (6032-29-7)-E1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-pent-2-yl methylphosphonothiolate | (6032-29-7)-M1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-pent-3-yl ethylphosphonothiolate | (584-02-1)-E1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-pent-3-yl methylphosphonothiolate | (584-02-1)-M1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-pent-3-yl propylphosphonothiolate | (584-02-1)-P1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-pentyl ethylphosphonothioate | (71-41-0)-E1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-pentyl methylphosphonothioate | 198830-36-3 |
| S-[2-(Diisopropylamino)ethyl] O-propyl ethylphosphonothioate | (71-23-8)-E1A3-II |
| S-[2-(Diisopropylamino)ethyl] O-propyl methylphosphonothioate | 52364-45-1 |
| S-[2-(Diisopropylamino)ethyl] O-propyl propylphosphonothioate | (71-23-8)-P1A3-II |
| S-[2-(Dimethylamino)ethyl] hydrogen ethylphosphonothioate | H-E1A3-MM |
| S-[2-(Dimethylamino)ethyl] hydrogen isopropylphosphonothioate | H-I1A3-MM |
| S-[2-(Dimethylamino)ethyl] hydrogen methylphosphonothioate | 34256-71-8 |
| S-[2-(Dimethylamino)ethyl] hydrogen propylphosphonothioate | H-P1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-(1,2-dimethylpropyl) ethylphosphonothioate | (598-75-4)-E1A3-MM |
| S-[2-(dimethylamino)ethyl] O-(1,2-dimethylpropyl) methylphosphonothioate | (598-75-4)-M1A3-MM |

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| S-[2-(Dimethylamino)ethyl] O-(1-ethylpropyl) ethylphosphonothioate | (584-02-1)-E1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-(1-ethylpropyl) methylphosphonothioate | (584-02-1)-M1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-(1-methylbutyl) ethylphosphonothioate | (137-32-6)-E1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-(1-methylbutyl) ethylphosphonothioate | (6032-29-7)-E1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-(1-methylbutyl) methylphosphonothioate | (6032-29-7)-M1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-(2-methylbutyl) methylphosphonothioate | (137-32-6)-M1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-3-methylbut-2-yl ethylphosphonothiolate | (598-75-4)-E1A3-MM |
| S-[2-(dimethylamino)ethyl] O-3-Methylbut-2-yl methylphosphonothiolate | (598-75-4)-M1A3-MM |
| S-[2-(dimethylamino)ethyl] O-but-3-yl ethylphosphonothiolate | 50929-96-9 |
| S-[2-(Dimethylamino)ethyl] O-ethyl ethylphosphonothioate | 98543-25-0 |
| S-[2-(Dimethylamino)ethyl] O-ethyl isopropylphosphonothioate | (64-17-5)-I1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-ethyl methylphosphonothioate | 20820-80-8 |
| S-[2-(Dimethylamino)ethyl] O-ethyl propylphosphonothioate | 218964-59-1 |
| S-[2-(Dimethylamino)ethyl] O-isobutyl ethylphosphonothioate | (78-83-1)-E1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-isopentyl ethylphosphonothioate | (123-51-3)-E1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-isopentyl methylphosphonothioate | (123-51-3)-M1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-isopropyl ethylphosphonothioate | 162085-92-9 |
| S-[2-(Dimethylamino)ethyl] O-isopropyl methylphosphonothioate | 21068-52-0 |
| S-[2-(Dimethylamino)ethyl] O-methyl ethylphosphonothioate | (67-56-1)-E1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-methyl methylphosphonothioate | 108490-92-2 |
| S-[2-(Dimethylamino)ethyl] O-neopentyl methylphosphonothioate | (75-84-3)-M1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-pent-2-yl ethylphosphonothiolate | (137-32-6)-E1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-pent-2-yl ethylphosphonothiolate | (6032-29-7)-E1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-pent-2-yl methylphosphonothiolate | (6032-29-7)-M1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-pent-3-yl ethylphosphonothiolate | (584-02-1)-E1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-pent-3-yl methylphosphonothiolate | (584-02-1)-M1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-pentyl ethylphosphonothioate | (71-41-0)-E1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-pentyl methylphosphonothioate | (71-41-0)-M1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-propyl isopropylphosphonothioate | (71-23-8)-I1A3-MM |
| S-[2-(Dimethylamino)ethyl] O-propyl methylphosphonothioate | (71-23-8)-M1A3-MM |
| S-[2-(Dipropylamino)ethyl] hydrogen ethylphosphonothioate | H-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] hydrogen isopropylphosphonothioate | H-I1A3-PP |
| S-[2-(Dipropylamino)ethyl] hydrogen methylphosphonothioate | 30102-97-7 |
| S-[2-(Dipropylamino)ethyl] O-(1,2-dimethylpropyl) ethylphosphonothioate | (598-75-4)-E1A3-PP |
| S-[2-(dipropylamino)ethyl] O-(1,2-dimethylpropyl) methylphosphonothioate | (598-75-4)-M1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-(1-ethylpropyl) ethylphosphonothioate | (584-02-1)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-(1-ethylpropyl) methylphosphonothioate | (584-02-1)-M1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-(1-methylbutyl) ethylphosphonothioate | (6032-29-7)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-(1-methylbutyl) methylphosphonothioate | (6032-29-7)-M1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-(2-methylbutyl) ethylphosphonothioate | (137-32-6)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-(2-methylbutyl) methylphosphonothioate | (137-32-6)-M1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-(sec-butyl) ethylphosphonothioate | (78-92-2)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-3-methylbut-2-yl ethylphosphonothiolate | (598-75-4)-E1A3-PP |
| S-[2-(dipropylamino)ethyl] O-3-Methylbut-2-yl methylphosphonothiolate | (598-75-4)-M1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-butyl ethylphosphonothioate | (71-36-3)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-cyclopentyl ethylphosphonothioate | (96-41-3)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-ethyl methylphosphonothioate | 62512-68-9 |
| S-[2-(Dipropylamino)ethyl] O-ethyl propylphosphonothioate | (64-17-5)-P1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-isobutyl ethylphosphonothioate | (78-83-1)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-isobutyl methylphosphonothioate | (78-83-1)-M1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-isopentyl ethylphosphonothioate | (123-51-3)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-isopentyl methylphosphonothioate | (123-51-3)-M1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-isopropyl ethylphosphonothioate | (67-63-0)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-isopropyl methylphosphonothioate | (67-63-0)-M1A3-PP |

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| S-[2-(Dipropylamino)ethyl] O-neopentyl ethylphosphonothioate | (75-84-3)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-neopentyl methylphosphonothioate | (75-84-3)-M1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-pent-2-yl ethylphosphonothiolate | (6032-29-7)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-pent-2-yl methylphosphonothiolate | (6032-29-7)-M1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-pent-3-yl ethylphosphonothiolate | (584-02-1)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-pent-3-yl methylphosphonothiolate | (584-02-1)-M1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-pentyl ethylphosphonothioate | (71-41-0)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-pentyl methylphosphonothioate | (71-41-0)-M1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-propyl ethylphosphonothioate | (71-23-8)-E1A3-PP |
| S-[2-(Dipropylamino)ethyl] O-propyl methylphosphonothioate | (71-23-8)-M1A3-PP |
| S-[2-(Isopropylmethylamino)ethyl] O-cyclohexylmethyl isopropylphosphonothioate | (100-49-2)-I1A3-IM |
| S-[2-Diisopropylamino)ethyl] O-(2-methylbutyl) ethylphosphonothioate | (137-32-6)-E1A3-II |
| S-2-Diethylaminoethyl O-ethyl methylphosphonothioate | 21770-86-5 |
| S-2-Diisopropylaminoethyl O-ethyl methylphosphonothioate | 50782-69-9 |
| S-Lost | 505-60-2 |
| S-Methyl hydrogen methylphosphonothioate | 73675-56-6 |
| S-Methyl hydrogen methylphosphonothiolate | 73675-56-6 |
| S-Methyl methylphosphonochloridothioate | 13113-89-8 |
| S-Methyl methylphosphonochloridothiolate | 13113-89-8 |
| S-Yperite | 505-60-2 |
| Sarin | 107-44-8 |
| Saxitoxin | 220355-66-8 |
| Saxitoxin | 35523-89-8 |
| Saxitoxin Diacetate Gonyaulax SP | 220355-66-8 |
| Saxitoxin hydrate | 35523-89-8 |
| sec-Butyl diethylamidocyanidophosphate | (78-92-2)-1A2-EE |
| sec-Butyl diisopropylamidocyanidophosphate | (78-92-2)-1A2-II |
| sec-Butyl dimethylamidocyanidophosphate | 162085-89-4 |
| sec-Butyl dipropylamidocyanidophosphate | (78-92-2)-1A2-PP |
| sec-Butyl ethyl(isopropyl)amidocyanidophosphate | (78-92-2)-1A2-EI |
| sec-Butyl ethyl(methyl)amidocyanidophosphate | (78-92-2)-1A2-EM |
| sec-Butyl ethyl(propyl)amidocyanidophosphate | (78-92-2)-1A2-EP |
| sec-Butyl ethylphosphonofluoridate | 162085-83-8 |
| sec-Butyl ethylphosphonofluoridoate | 162085-83-8 |
| sec-Butyl isopropyl(methyl)amidocyanidophosphate | (78-92-2)-1A2-IM |
| sec-Butyl isopropyl(propyl)amidocyanidophosphate | (78-92-2)-1A2-IP |
| Sec-butyl isopropylphosphonochloridate | (78-92-2)-I2B41-CI |
| Sec-butyl isopropylphosphonochloridoate | (78-92-2)-I2B41-CI |
| sec-Butyl isopropylphosphonofluoridate | (78-92-2)-I1A1 |
| sec-Butyl isopropylphosphonofluoridoate | (78-92-2)-I1A1 |
| sec-Butyl methyl(propyl)amidocyanidophosphate | (78-92-2)-1A2-MP |
| sec-Butyl methylphosphonofluoridate | 352-52-3 |
| sec-Butyl methylphosphonofluoridoate | 352-52-3 |
| sec-Butyl N,N-diethylphosphoramidocyanidate | (78-92-2)-1A2-EE |
| sec-Butyl N,N-diisopropylphosphoramidocyanidate | (78-92-2)-1A2-II |
| sec-Butyl N,N-dimethylphosphoramidocyanidate | 162085-89-4 |
| sec-Butyl N,N-dipropylphosphoramidocyanidate | (78-92-2)-1A2-PP |
| sec-Butyl N-ethyl-N-isopropylphosphoramidocyanidate | (78-92-2)-1A2-EI |
| sec-Butyl N-ethyl-N-methylphosphoramidocyanidate | (78-92-2)-1A2-EM |
| sec-Butyl N-ethyl-N-propylphosphoramidocyanidate | (78-92-2)-1A2-EP |
| sec-Butyl N-isopropyl-N-methylphosphoramidocyanidate | (78-92-2)-1A2-IM |
| sec-Butyl N-isopropyl-N-propylphosphoramidocyanidate | (78-92-2)-1A2-IP |
| sec-Butyl N-methyl-N-propylphosphoramidocyanidate | (78-92-2)-1A2-MP |
| Sec-butyl propylphosphonochloridate | (78-92-2)-P2B41-CI |

| <i>Name</i> | <i>Key/CAS</i> |
|--|-------------------------|
| Sec-butyl propylphosphonochloridoate | (78-92-2)-P2B41-CI |
| sec-Butyl propylphosphonofluoridate | (78-92-2)-P1A1 |
| sec-Butyl propylphosphonofluoridoate | (78-92-2)-P1A1 |
| sec-Butyl S-2-diethylaminoethyl ethylphosphonothiolate | (78-92-2)-E1A3-EE |
| sec-Butyl S-2-diisopropylaminoethyl ethylphosphonothiolate | (78-92-2)-E1A3-II |
| sec-Butyl S-2-diisopropylaminoethyl isopropylphosphonothiolate | (78-92-2)-I1A3-II |
| sec-Butyl S-2-diisopropylaminoethyl methylphosphonothiolate | (78-92-2)-M1A3-II |
| sec-Butyl S-2-diisopropylaminoethyl propylphosphonothiolate | (78-92-2)-P1A3-II |
| sec-Butyl S-2-dimethylaminoethyl ethylphosphonothiolate | 50929-96-9 |
| sec-Butyl S-2-dipropylaminoethyl ethylphosphonothiolate | (78-92-2)-E1A3-PP |
| Senfgas | 505-60-2 |
| Sesquimustard | 3563-36-8 |
| Sesquimustard Q | 3563-36-8 |
| sobutyl N-ethyl-N-propylphosphoramidocyanidate | (78-83-1)-1A2-EP |
| Sodium 2-(diethylamino)ethanethiolate | 2B12-EE(Na) |
| Sodium ethyl methylphosphonothiolate | 22307-81-9 |
| Sodium O-(1,2,2-trimethylpropyl) ethylphosphonothioate | (624-95-3)-E2B45-O(Na) |
| Sodium O-(1,2,2-trimethylpropyl) ethylphosphonothionate | (624-95-3)-E2B45-O(Na) |
| Sodium O-(1,2-dimethylpropyl) ethylphosphonothioate | (598-75-4)-E2B45-O(Na) |
| Sodium O-(1,2-dimethylpropyl) ethylphosphonothionate | (598-75-4)-E2B45-O(Na) |
| Sodium O-(1-ethylbutyl) ethylphosphonothioate | (97-95-0)-E2B45-O(Na) |
| Sodium O-(1-ethylbutyl) ethylphosphonothionate | (97-95-0)-E2B45-O(Na) |
| Sodium O-(1-ethylpropyl) ethylphosphonothioate | (584-02-1)-E2B45-O(Na) |
| Sodium O-(1-ethylpropyl) ethylphosphonothionate | (584-02-1)-E2B45-O(Na) |
| Sodium O-(1-ethylpropyl) propylphosphonothioate | (584-02-1)-P2B41-S(Na) |
| Sodium O-(1-ethylpropyl) propylphosphonothiolate | (584-02-1)-P2B41-S(Na) |
| Sodium O-(1-methylbutyl) methylphosphonothioate | (6032-29-7)-M2B45-O(Na) |
| Sodium O-(1-methylbutyl) methylphosphonothiolate | (6032-29-7)-M2B45-O(Na) |
| Sodium O-(1-methylbutyl) propylphosphonothioate | (78-92-2)-I2B41-S(Na) |
| Sodium O-(1-methylbutyl) propylphosphonothiolate | (78-92-2)-P2B41-S(Na) |
| Sodium O-(1-methylbutyl) propylphosphonothionate | (78-92-2)-P2B41-S(Na) |
| Sodium O-(1-methylpentyl) ethylphosphonothioate | (626-93-7)-E2B45-O(Na) |
| Sodium O-(1-methylpentyl) ethylphosphonothionate | (626-93-7)-E2B45-O(Na) |
| Sodium O-(cyclohexylmethyl) isopropylphosphonothioate | (100-49-2)-I2B41-S(Na) |
| Sodium O-(cyclohexylmethyl) isopropylphosphonothiolate | (100-49-2)-I2B41-S(Na) |
| Sodium O-(cyclohexylmethyl) propylphosphonothioate | (100-49-2)-P2B41-S(Na) |
| Sodium O-(cyclohexylmethyl) propylphosphonothiolate | (100-49-2)-P2B41-S(Na) |
| Sodium O-(sec-butyl) isopropylphosphonothiolate | (78-92-2)-I2B41-S(Na) |
| Sodium O-butyl isopropylphosphonothioate | (71-36-3)-I2B41-S(Na) |
| Sodium O-butyl isopropylphosphonothiolate | (71-36-3)-I2B41-S(Na) |
| Sodium O-butyl propylphosphonothioate | (71-36-3)-P2B41-S(Na) |
| Sodium O-butyl propylphosphonothiolate | (71-36-3)-P2B41-S(Na) |
| Sodium O-decyl methylphosphonothioate | (112-30-1)-M2B45-O(Na) |
| Sodium O-decyl methylphosphonothionate | (112-30-1)-M2B45-O(Na) |
| Sodium O-ethyl isopropylphosphonothioate | (64-17-5)-I2B41-S(Na) |
| Sodium O-ethyl isopropylphosphonothiolate | (64-17-5)-I2B41-S(Na) |
| Sodium O-ethyl methylphosphonothioate | 22307-81-9 |
| Sodium O-ethyl methylphosphonothiolate | 22307-81-9 |
| Sodium O-ethyl methylthiophosphonate | 22307-81-9 |
| Sodium O-ethyl propylphosphonothioate | (64-17-5)-P2B45-O(Na) |
| Sodium O-ethyl propylphosphonothionate | (64-17-5)-P2B45-O(Na) |
| Sodium O-heptyl isopropylphosphonothioate | (111-70-6)-I2B41-S(Na) |
| Sodium O-heptyl isopropylphosphonothiolate | (111-70-6)-I2B41-S(Na) |
| Sodium O-isobutyl methylphosphonothioate | 74789-32-5 |

| <i>Name</i> | <i>Key/CAS</i> |
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| Sodium O-isobutyl methylphosphonothionate | 74789-32-5 |
| Sodium O-isopropyl isopropylphosphonothioate | (67-63-0)-I2B41-S(Na) |
| Sodium O-isopropyl isopropylphosphonothiolate | (67-63-0)-I2B41-S(Na) |
| Sodium O-isopropyl methylphosphonothioate | 92475-33-7 |
| Sodium O-isopropyl methylphosphonothiolate | 92475-33-7 |
| Sodium O-methyl methylphosphonothioate | 74789-31-4 |
| Sodium O-methyl methylphosphonothiolate | 74789-31-4 |
| Sodium O-neopentyl methylphosphonothioate | (75-84-3)-M2B45-O(Na) |
| Sodium O-neopentyl methylphosphonothionate | (75-84-3)-M2B45-O(Na) |
| Sodium O-propyl methylphosphonothioate | 51825-84-4 |
| Sodium O-propyl methylphosphonothiolate | 51825-84-4 |
| Sodium O-propyl propylphosphonothioate | (71-23-8)-P2B41-S(Na) |
| Sodium O-propyl propylphosphonothiolate | (71-23-8)-P2B41-S(Na) |
| Soman | 96-64-0 |
| Sterolamide | 102-71-6 |
| Sting-Kill | 102-71-6 |
| STX | 35523-89-8 |
| Sulfide, 2-chloroethyl chloromethyl | 2625-76-5 |
| Sulfide, bis(2-chloroethyl) | 505-60-2 |
| Sulfinyl chloride | 7719-09-7 |
| Sulfinyl dichloride | 7719-09-7 |
| Sulfur chloride | 10025-67-9 |
| Sulfur chloride | 10545-99-0 |
| Sulfur chloride (S2Cl2) | 10025-67-9 |
| Sulfur chloride (SCl2) | 10545-99-0 |
| Sulfur chloride oxide (Cl2SO) | 7719-09-7 |
| Sulfur chloride oxide (SCl2O) | 7719-09-7 |
| Sulfur dichloride | 10545-99-0 |
| Sulfur dichloride (SCl2) | 10545-99-0 |
| Sulfur monochloride | 10025-67-9 |
| Sulfur monochloride (S2Cl2) | 10025-67-9 |
| Sulfur mustard | 505-60-2 |
| Sulfur mustard gas | 505-60-2 |
| Sulfur oxychloride | 7719-09-7 |
| Sulfur oxychloride (SOCl2) | 7719-09-7 |
| Sulfur subchloride | 10025-67-9 |
| Sulfurous dichloride | 7719-09-7 |
| Sulfurous oxychloride | 7719-09-7 |
| Sulphur chloride (S2Cl2) | 10025-67-9 |
| t-Butyl methylphosphonofluoridate | 13273-12-6 |
| Tabun | 77-81-6 |
| TEA | 102-71-6 |
| TEA (amino alcohol) | 102-71-6 |
| Tedegyl | 111-48-8 |
| TEOA | 102-71-6 |
| tert-Butyl ethylphosphonofluoridate | (75-65-0)-E1A1 |
| tert-Butyl ethylphosphonofluoridoate | (75-65-0)-E1A1 |
| tert-Butyl methyl carbinol | 464-07-3 |
| tert-Butyl methylphosphonofluoridate | 13273-12-6 |
| tert-Butyl methylphosphonofluoridoate | 13273-12-6 |
| Thiodiethylene glycol | 111-48-8 |
| Thiodiglycol | 111-48-8 |
| Thionyl chloride | 7719-09-7 |
| Thionyl chloride (SOCl2) | 7719-09-7 |

| <i>Name</i> | <i>Key/CAS</i> |
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| Thionyl dichloride | 7719-09-7 |
| Thiosulfurous dichloride | 10025-67-9 |
| trans-Crotylsarin | 138780-00-4 |
| Tri-2-chloroethylamine | 555-77-1 |
| Trichlormethine | 555-77-1 |
| Trichloro(nitro)methane | 76-06-2 |
| Trichloroarsine | 7784-34-1 |
| Trichloronitromethane | 76-06-2 |
| Trichlorophosphine | 7719-12-2 |
| Trichlorophosphine oxide | 10025-87-3 |
| Trichlorophosphorus oxide | 10025-87-3 |
| Triethanolamin | 102-71-6 |
| Triethanolamine | 102-71-6 |
| Triethoxyphosphine | 122-52-1 |
| Triethyl phosphite | 122-52-1 |
| Triethylamine, 2"-chloro-1,1'-dimethyl- | 96-79-7 |
| Triethylamine, 2"-chloro-1,1'-dimethyl-, hydrochloride | 4261-68-1 |
| Triethylamine, 2,2',2"-trichloro- | 555-77-1 |
| Triethylamine, 2,2'-dichloro- | 538-07-8 |
| Triethylamine, 2-chloro- | 100-35-6 |
| Triethylamine, 2-chloro-, hydrochloride | 869-24-9 |
| Triethylamine, 2-chloro-1',1"-dimethyl- | 96-79-7 |
| Trilon 83 | 77-81-6 |
| Trimethoxyphosphine | 121-45-9 |
| Trimethyl phosphite | 121-45-9 |
| Tris(.beta.-chloroethyl)amine | 555-77-1 |
| Tris(.beta.-hydroxyethyl)amine | 102-71-6 |
| Tris(2-chloroethyl)amine | 555-77-1 |
| Tris(2-chloroethyl)amine hydrochloride | 817-09-4 |
| Tris(2-chlorovinyl)arsine | 40334-70-1 |
| Tris(2-hydroxyethyl)amine | 102-71-6 |
| Tris(ethoxy)phosphine | 122-52-1 |
| tris-(2-Hydroxyethyl)amine | 102-71-6 |
| Trolamine | 102-71-6 |
| TS 160 | 555-77-1 |
| Tx 60 | 50782-69-9 |
| VM | 20820-80-8 |
| VS | 73835-17-3 |
| VS (phosphonothioate) | 73835-17-3 |
| VX | 50782-69-9 |
| VX Vapor | 50782-69-9 |
| Yellow cross liquid | 505-60-2 |
| Yperite | 505-60-2 |