

Methylphosphonoselenoic dichloride

Other names:	Phosphonoselenoic dichloride, methyl-
Inchi:	InChI=1S/CH3Cl2PSe/c1-4(2,3)5/h1H3
InchiKey:	GIMVZKMPUYJHPS-UHFFFAOYSA-N
Formula:	CH3Cl2PSe
SMILES:	CP(Cl)(Cl)=[Se]
Mol. weight [g/mol]:	195.87
CAS:	2171-82-6

Physical Properties

Property code	Value	Unit	Source
ie	9.16	eV	NIST Webbook
log10ws	3.91		Crippen Method
logp	2.025		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2171826&Units=SI

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/34-190-3/Methylphosphonoselenoic-dichloride.pdf>

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