Phophonothioamidodichloridate, N,N-dimethyl-

Other names: Dimethylphosphoramidothioic dichloride
Phophonothioamidodichloridate, N,N-dimethyl-
Inchi: InChI=1S/C2H6Cl2NPS/c1-5(2)6(3,4)7/h1-2H3
InchiKey: DWISDTKOMUFVDP-UHFFFAOYSA-N
Formula: C2H6Cl2NPS
SMILES: CN(C)P(=S)(Cl)Cl
Mol. weight [g/mol]: 178.02

Physical Properties

Property code	Value	Unit	Source
ie	8.89	eV	Cheméo Relay (1.0)
logp	2.250		Crippen Method
mcvol	110.310	ml/mol	McGowan Method
tf	294.75	K	Cheméo Relay (1.0)

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C1498653&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

ie: Ionization energy
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
tf: Normal melting (fusion) point