

Dichloropropylphosphine

Other names:	n-Propyldichlorophosphine
Inchi:	InChI=1S/C3H7Cl2P/c1-2-3-6(4)5/h2-3H2,1H3
InchiKey:	PVTHAGJZMANMRT-UHFFFAOYSA-N
Formula:	C3H7Cl2P
SMILES:	CCCP(Cl)Cl
Mol. weight [g/mol]:	144.97
CAS:	15573-31-6

Physical Properties

Property code	Value	Unit	Source
log10ws	0.78		Crippen Method
logp	3.186		Crippen Method
mcvol	98.070	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C15573316&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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<https://www.chemeo.com/cid/61-700-6/Dichloropropylphosphine.pdf>

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