

PHOSPHONOUS DICHLORIDE, (1,1-DIMETHYLETHYL)-

Other names:	tert-C ₄ H ₉ PCl ₂ tert-Butyldichlorophosphine Phosphonous dichloride, (1,1-dimethylethyl)-
Inchi:	InChI=1S/C ₄ H ₉ Cl ₂ P/c1-4(2,3)7(5)6/h1-3H3
InchiKey:	NMJASRUOIRRDSX-UHFFFAOYSA-N
Formula:	C ₄ H ₉ Cl ₂ P
SMILES:	CC(C)(C)P(Cl)Cl
Mol. weight [g/mol]:	159.00

Physical Properties

Property code	Value	Unit	Source
ie	9.00	eV	NIST Webbook
ie	9.30	eV	NIST Webbook
logp	3.574		Crippen Method
mcvol	112.160	ml/mol	McGowan Method

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C25979071&Units=SI>

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

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):

Legend

ie:	Ionization energy
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.cheméo.com/cid/68-668-6/PHOSPHONOUS-DICHLORIDE-1-1-DIMETHYLETHYL.pdf>

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