

trichloro(dichloromethyl)silane

Inchi: InChI=1S/CHCl5Si/c2-1(3)7(4,5)6/h1H
InchiKey: LQUJCRPJNSUWKY-UHFFFAOYSA-N
Formula: CHCl5Si
SMILES: ClC(Cl)[Si](Cl)(Cl)Cl
Mol. weight [g/mol]: 218.37
CAS: 1558-24-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.92		Crippen Method
logp	2.985		Crippen Method
tb	418.00	K	NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1558243&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
tb: Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/108-565-5/trichloro-dichloromethyl-silane.pdf>

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