

2,2-Dichloroethanol, trimethylsilyl ether

Inchi: InChI=1S/C5H12Cl2OSi/c1-9(2,3)8-4-5(6)7/h5H,4H2,1-3H3
InchiKey: AHJHQMUJWPXXIO-UHFFFAOYSA-N
Formula: C5H12Cl2OSi
SMILES: C[Si](C)(C)OCC(Cl)Cl
Mol. weight [g/mol]: 187.14
CAS: 51209-79-1

Physical Properties

Property code	Value	Unit	Source
log10ws	0.03		Crippen Method
logp	2.642		Crippen Method
rinpol	950.20		NIST Webbook
rinpol	950.20		NIST Webbook

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=C51209791&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/88-127-4/2-2-Dichloroethanol-trimethylsilyl-ether.pdf>

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