

2,2-Dichloroethanol, benzyldimethylsilyl ether

Inchi: InChI=1S/C11H16Cl2OSi/c1-15(2,14-8-11(12)13)9-10-6-4-3-5-7-10/h3-7,11H,8-9H2,1-2H
InchiKey: CTDOLNNYUHIFQG-UHFFFAOYSA-N
Formula: C11H16Cl2OSi
SMILES: C[Si](C)(Cc1ccccc1)OCC(Cl)Cl
Mol. weight [g/mol]: 263.24

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.67		Crippen Method
logp	3.794		Crippen Method
rinpol	1586.00		NIST Webbook
rinpol	1594.00		NIST Webbook
rinpol	1586.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375561&Units=SI>

Legend

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

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<https://www.cheméo.com/cid/118-911-9/2-2-Dichloroethanol-benzyldimethylsilyl-ether.pdf>

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