

1,3-Disiloxane, 1,3-dimethyl, 1,3-bis-(chloromethyl), 1,3-bis-(1-chloroethyl)

Inchi: InChI=1S/C8H18Cl4OSi2/c1-7(11)14(3,5-9)13-15(4,6-10)8(2)12/h7-8H,5-6H2,1-4H3
InchiKey: ZKDXMTYJHZPVKV-UHFFFAOYSA-N
Formula: C8H18Cl4OSi2
SMILES: CC(Cl)[Si](C)(CCl)O[Si](C)(CCl)C(C)Cl
Mol. weight [g/mol]: 328.21

Physical Properties

Property code	Value	Unit	Source
log10ws	0.46		Crippen Method
logp	4.043		Crippen Method
rinpol	1460.00		NIST Webbook
rinpol	1460.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R311445&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/121-783-8/1-3-Disiloxane-1-3-dimethyl-1-3-bis-chloromethyl-1-3-bis-1-chloroethyl.pdf>

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