

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

InChI=1S/C10H22Cl4OSi2/c1-16(9-13,7-3-5-11)15-17(2,10-14)8-4-6-12/h3-10H2,1-2H3
InChIKey: FORJECVLADYAKS-UHF7FAOYSA-N

Formula: C10H22Cl4OSi2

SMILES: C[Si](CCl)(CCCCl)O[Si](C)(CCl)CCCCl

Mol. weight [g/mol]: 356.26

Physical Properties

Property code	Value	Unit	Source
log10ws	0.02		Crippen Method
logp	4.967		Crippen Method
rinpol	1740.00		NIST Webbook
rinpol	1740.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R311470&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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/63-419-7/1-3-Disiloxane-1-3-dimethyl-1-3-bis-chloromethyl-1-3-bis-3-chloropropyl.pdf>

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