

1,3-Disiloxane, 1,3-diethoxy, 1,3-diphenyl, 1,3-bis-(chloromethyl)

Inchi: InChI=1S/C18H24Cl2O3Si2/c1-3-21-24(15-19,17-11-7-5-8-12-17)23-25(16-20,22-4-2)18
InchiKey: BDVCKEJLGXAGFI-UHFFFAOYSA-N
Formula: C18H24Cl2O3Si2
SMILES: CCO[Si](CCI)(O[Si](CCI)(OCC)c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 415.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.53		Crippen Method
logp	3.331		Crippen Method
rinpol	2290.00		NIST Webbook
rinpol	2290.00		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=R311410&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.chemeo.com/cid/116-566-5/1-3-Disiloxane-1-3-diethoxy-1-3-diphenyl-1-3-bis-chloromethyl.pdf>

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