

9,9-Dimethyl-2,5,8,10,13,16-hexaoxa-9-silaheptadecane

Inchi: InChI=1S/C12H28O6Si/c1-13-5-7-15-9-11-17-19(3,4)18-12-10-16-8-6-14-2/h5-12H2,1-4H1
InchiKey: QQYZJFNFRDWCBF-UHFFFAOYSA-N
Formula: C12H28O6Si
SMILES: COCCOCCO[Si](C)(C)OCCOCCOC
Mol. weight [g/mol]: 296.43

Physical Properties

Property code	Value	Unit	Source
log10ws	2.00		Crippen Method
logp	1.047		Crippen Method
rinpol	1687.00		NIST Webbook
rinpol	1687.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375905&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

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<https://www.chemeo.com/cid/30-264-5/9-9-Dimethyl-2-5-8-10-13-16-hexaoxa-9-silaheptadecane.pdf>

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