

7,7,9,9-Tetramethyl-3,6,8,10,13-pentaoxa-7,9-disila

Inchi: InChI=1S/C12H30O5Si2/c1-7-13-9-11-15-18(3,4)17-19(5,6)16-12-10-14-8-2/h7-12H2,1-6
InchiKey: KZYGEJFXZUPOCT-UHFFFAOYSA-N
Formula: C12H30O5Si2
SMILES: CCOCOC[Si](C)(C)O[Si](C)(C)OCCOCC
Mol. weight [g/mol]: 310.53

Physical Properties

Property code	Value	Unit	Source
log10ws	2.45		Crippen Method
logp	2.513		Crippen Method
rinpol	1439.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375890&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/50-643-2/7-7-9-9-Tetramethyl-3-6-8-10-13-pentaoxa-7-9-disilapentadecane.pdf>

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