

Tripentyloxymethylsilane

Inchi: InChI=1S/C16H36O3Si/c1-5-8-11-14-17-20(4,18-15-12-9-6-2)19-16-13-10-7-3/h5-16H2,1
InchiKey: QRBAVICMCJULJS-UHFFFAOYSA-N
Formula: C16H36O3Si
SMILES: CCCCCO[Si](C)(OCCCCC)OCCCCC
Mol. weight [g/mol]: 304.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.00		Crippen Method
logp	5.175		Crippen Method
rinpol	1538.00		NIST Webbook
rinpol	1538.00		NIST Webbook
rinpol	1538.00		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=R160891&Units=SI>

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/121-060-0/Tripentyloxymethylsilane.pdf>

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