

Silane, dimethyloctyloxypropoxy-

Inchi: InChI=1S/C13H30O2Si/c1-5-7-8-9-10-11-13-15-16(3,4)14-12-6-2/h5-13H2,1-4H3
InchiKey: VMVQJGWJNHLASC-UHFFFAOYSA-N
Formula: C13H30O2Si
SMILES: CCCCCCCO[Si](C)(C)OCCC
Mol. weight [g/mol]: 246.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.07		Crippen Method
logp	4.492		Crippen Method
rinpol	1389.00		NIST Webbook
rinpol	1389.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346739&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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

Latest version available from:

<https://www.cheméo.com/cid/113-506-4/Silane-dimethyloxypropoxy.pdf>

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