

Silane, dimethyloctyloxyisobutoxy-

Inchi: InChI=1S/C14H32O2Si/c1-6-7-8-9-10-11-12-15-17(4,5)16-13-14(2)3/h14H,6-13H2,1-5H3
InchiKey: SJEQRCFDBNGZHI-UHFFFAOYSA-N
Formula: C14H32O2Si
SMILES: CCCCCCCO[Si](C)(C)OCC(C)C
Mol. weight [g/mol]: 260.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.25		Crippen Method
logp	4.738		Crippen Method
rinpol	1428.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346740&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/59-466-0/Silane-dimethyloctyloxyisobutoxy.pdf>

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