

Silane, dimethyl(3,7-dimethyloct-3-yloxy)isobutoxy-

Inchi: InChI=1S/C16H36O2Si/c1-9-16(6,12-10-11-14(2)3)18-19(7,8)17-13-15(4)5/h14-15H,9-13H
InchiKey: MLBOJQLYBCRIRF-UHFFFAOYSA-N
Formula: C16H36O2Si
SMILES: CCC(C)(CCCC(C)C)O[Si](C)(C)OCC(C)C
Mol. weight [g/mol]: 288.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.96		Crippen Method
logp	5.372		Crippen Method
rinpol	1522.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346780&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/31-464-2/Silane-dimethyl-3-7-dimethyloct-3-yloxy-isobutoxy.pdf>

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