

Silane, dimethyl(dimethylisobutoxysilyloxy)octyloxy-

Inchi: InChI=1S/C16H38O3Si2/c1-8-9-10-11-12-13-14-17-20(4,5)19-21(6,7)18-15-16(2)3/h16H
InchiKey: CAMFCRIKXCTMOH-UHFFFAOYSA-N
Formula: C16H38O3Si2
SMILES: CCCCCCCC[Si](C)(C)O[Si](C)(C)OCC(C)C
Mol. weight [g/mol]: 334.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.81		Crippen Method
logp	5.456		Crippen Method
rinpol	1569.00		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=U346759&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/21-141-1/Silane-dimethyl-dimethylisobutoxysilyloxy-octyloxy.pdf>

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