

Silane, dimethyl(dimethylpentyloxysilyloxy)isobutoxy-

Inchi: InChI=1S/C13H32O3Si2/c1-8-9-10-11-14-17(4,5)16-18(6,7)15-12-13(2)3/h13H,8-12H2,1
InchiKey: BRRXEUOJHUAZSD-UHFFFAOYSA-N
Formula: C13H32O3Si2
SMILES: CCCCCO[Si](C)(C)O[Si](C)(C)OCC(C)C
Mol. weight [g/mol]: 292.56

Physical Properties

Property code	Value	Unit	Source
log10ws	0.45		Crippen Method
logp	4.286		Crippen Method
rinpol	1312.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346811&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/55-771-5/Silane-dimethyl-dimethylpentyloxysilyloxy-isobutoxy.pdf>

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