

Silane, dimethyl(dimethylpentylloxysilyloxy)butoxy-

Inchi: InChI=1S/C13H32O3Si2/c1-7-9-11-13-15-18(5,6)16-17(3,4)14-12-10-8-2/h7-13H2,1-6H3
InchiKey: RRTSYPGSSQQLGG-UHFFFAOYSA-N
Formula: C13H32O3Si2
SMILES: CCCCCO[Si](C)(C)O[Si](C)(C)OCCCC
Mol. weight [g/mol]: 292.56

Physical Properties

Property code	Value	Unit	Source
log10ws	0.21		Crippen Method
logp	4.430		Crippen Method
rinpol	1351.00		NIST Webbook
rinpol	1351.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346812&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/113-262-5/Silane-dimethyl-dimethylpentylloxysilyloxy-butoxy.pdf>

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