Silane, dimethyl(dimethyl(2-methylbutoxy)silyloxy)hexylo

Inchi: InChI=1S/C15H36O3Si2/c1-8-10-11-12-13-16-19(4,5)18-20(6,7)17-14-15(3)9-2/h15H,8-1

InchiKey: ZLYIQBWFTLVMFB-UHFFFAOYSA-N

Formula: C15H36O3Si2

SMILES: CCCCCCO[Si](C)(C)O[Si](C)(C)OCC(C)CC

Mol. weight [g/mol]: 320.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.39		Crippen Method
logp	5.066		Crippen Method
rinpol	1479.00		NIST Webbook
rinpol	1479.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347012&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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