Silane, dimethyl(dimethyloctyloxysilyloxy)propoxy-

Inchi: InChI=1S/C15H36O3Si2/c1-7-9-10-11-12-13-15-17-20(5,6)18-19(3,4)16-14-8-2/h7-15H2

InchiKey: GIGQFXJWQAKJPQ-UHFFFAOYSA-N

Formula: C15H36O3Si2

SMILES: CCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCC

Mol. weight [g/mol]: 320.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.63		Crippen Method
logp	5.210		Crippen Method
rinpol	1532.00		NIST Webbook
rinpol	1532.00		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=U346733&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/36-702-2/Silane-dimethyl-dimethyloctyloxysilyloxy-propoxy.pdf

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