

Silane, dimethyldecyloxybutoxy-

Inchi: InChI=1S/C16H36O2Si/c1-5-7-9-10-11-12-13-14-16-18-19(3,4)17-15-8-6-2/h5-16H2,1-4H1
InchiKey: YTOACXINHUUHTH-UHFFFAOYSA-N
Formula: C16H36O2Si
SMILES: CCCCCCCCCO[Si](C)(C)OCCCC
Mol. weight [g/mol]: 288.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.33		Crippen Method
logp	5.662		Crippen Method
rinpol	1673.00		NIST Webbook
rinpol	1673.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346921&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/116-524-1/Silane-dimethyldecyloxybutoxy.pdf>

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