

Silane, dimethyl(dimethyldecyloxysilyloxy)butoxy-

Inchi: InChI=1S/C18H42O3Si2/c1-7-9-11-12-13-14-15-16-18-20-23(5,6)21-22(3,4)19-17-10-8-2
InchiKey: IXUKCAPZEHRVRN-UHFFFAOYSA-N
Formula: C18H42O3Si2
SMILES: CCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCCC
Mol. weight [g/mol]: 362.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.89		Crippen Method
logp	6.381		Crippen Method
rinpol	1820.00		NIST Webbook
rinpol	1820.00		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=U346936&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/113-305-7/Silane-dimethyl-dimethyldecyloxysilyloxy-butoxy.pdf>

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