1-(Dimethyldodecylsilyloxy)butane

Inchi: InChI=1S/C18H40OSi/c1-5-7-9-10-11-12-13-14-15-16-18-20(3,4)19-17-8-6-2/h5-18H2,1-
InchiKey: QOTZDUKBLYGCBT-UHFFFAOYSA-N
Formula: C18H40OSi
SMILES: CCCCCCCCCCCC[Si](C)(C)OCCCC
Mol. weight [g/mol]: 300.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.50		Crippen Method
logp	6.929		Crippen Method
rinpol	1937.00		NIST Webbook
rinpol	1937.00		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=U299989&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/89-135-4/1-Dimethyldodecylsilyloxy-butane.pdf
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