1-Dimethyldodecylsilyloxy-3-methylbut-2-ene

Inchi: InChI=1S/C19H40OSi/c1-6-7-8-9-10-11-12-13-14-15-18-21(4,5)20-17-16-19(2)3/h16H,6-

InchiKey: NYQKIGWJVCPCNL-UHFFFAOYSA-N

Formula: C19H40OSi

SMILES: CCCCCCCCCCCC[Si](C)(C)OCC=C(C)C

Mol. weight [g/mol]: 312.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.77		Crippen Method
logp	7.095		Crippen Method
rinpol	1948.00		NIST Webbook
rinpol	1948.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299551&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