1-(Dimethyldodecylsilyloxy)pentane

Inchi: InChI=1S/C19H42OSi/c1-5-7-9-10-11-12-13-14-15-17-19-21(3,4)20-18-16-8-6-2/h5-19H2
InchiKey: PMONTGDUBVOCKR-UHFFFAOYSA-N
Formula: C19H42OSi
SMILES: CCCCCCCCCCCC[Si](C)(C)OCCCCC
Mol. weight [g/mol]: 314.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.91		Crippen Method
logp	7.319		Crippen Method
rinpol	1927.00		NIST Webbook
rinpol	1927.00		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=U299990&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices