4-Dimethyloctylsilyloxy-2-methyloct-5-yne

Inchi: InChI=1S/C19H38OSi/c1-7-9-11-12-13-14-16-21(5,6)20-19(15-10-8-2)17-18(3)4/h18-19H
InchiKey: ZUFQJSFJEVEHFX-UHFFFAOYSA-N
Formula: C19H38OSi
SMILES: CCC#CC(CC(C)C)O[Si](C)(C)CCCCCCCC
Mol. weight [g/mol]: 310.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.58		Crippen Method
logp	6.397		Crippen Method
rinpol	1756.00		NIST Webbook
rinpol	1756.00		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=U299504&Units=SI

Legend

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