2-Dimethyldodecylsilyloxybut-3-yne

Inchi: InChI=1S/C18H36OSi/c1-6-8-9-10-11-12-13-14-15-16-17-20(4,5)19-18(3)7-2/h2,18H,6,8
InchiKey: WBQDAXKVEXODDF-UHFFFAOYSA-N
Formula: C18H36OSi
SMILES: C#CC(C)O[Si](C)(C)CCCCCCCCCCCC
Mol. weight [g/mol]: 296.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.40		Crippen Method
logp	6.151		Crippen Method
rinpol	1787.00		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=U299550&Units=SI

Legend

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