2-Triisobutylsilyloxybut-3-yne

Inchi: InChI=1S/C16H32OSi/c1-9-16(8)17-18(10-13(2)3,11-14(4)5)12-15(6)7/h1,13-16H,10-12H
InchiKey: VMEOPSXQHNWSTA-UHFFFAOYSA-N
Formula: C16H32OSi
SMILES: C#CC(C)O[Si](CC(C)C)(CC(C)C)CC(C)C
Mol. weight [g/mol]: 268.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.84		Crippen Method
logp	4.938		Crippen Method
rinpol	1395.00		NIST Webbook
rinpol	1395.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299459&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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