1-Triisobutylsilyloxypent-2-en-4-yne

Inchi: InChI=1S/C17H32OSi/c1-8-9-10-11-18-19(12-15(2)3,13-16(4)5)14-17(6)7/h1,9-10,15-17
InchiKey: QLXZNPWVXHIGAD-UHFFFAOYSA-N
Formula: C17H32OSi
SMILES: C#CC=CCO[Si](CC(C)C)(CC(C)C)CC(C)C
Mol. weight [g/mol]: 280.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.00		Crippen Method
logp	5.106		Crippen Method
rinpol	1593.00		NIST Webbook
rinpol	1593.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299461&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