1-Dimethyldodecylsilyloxypent-2-en-4-yne

Inchi: InChI=1S/C19H36OSi/c1-5-7-9-10-11-12-13-14-15-17-19-21(3,4)20-18-16-8-6-2/h2,8,16
InchiKey: PXSZWQVTPKSFOC-UHFFFAOYSA-N
Formula: C19H36OSi
SMILES: C#CC=CCO[Si](C)(C)CCCCCCCCCCCC
Mol. weight [g/mol]: 308.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.56		Crippen Method
logp	6.318		Crippen Method
rinpol	1988.00		NIST Webbook
rinpol	1988.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299552&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