2,7-Dimethyl-4-tripropylsilyloxyoct-7-en-5-yne

Inchi: InChI=1S/C19H36OSi/c1-8-13-21(14-9-2,15-10-3)20-19(16-18(6)7)12-11-17(4)5/h18-19H
InchiKey: WQEPEDYYDVQKRH-UHFFFAOYSA-N
Formula: C19H36OSi
SMILES: C=C(C)C#CC(CC(C)C)O[Si](CCC)(CCC)CCC
Mol. weight [g/mol]: 308.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.43		Crippen Method
logp	6.173		Crippen Method
rinpol	1657.00		NIST Webbook
rinpol	1657.00		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=U299515&Units=SI

Legend

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