2-Diphenylethenylsilyloxybut-3-yne

Inchi: InChI=1S/C18H18OSi/c1-4-16(3)19-20(5-2,17-12-8-6-9-13-17)18-14-10-7-11-15-18/h1,5-
InchiKey: JZKROQWGQSWTDE-UHFFFAOYSA-N
Formula: C18H18OSi
SMILES: C#CC(C)O[Si](C=C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 278.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.51		Crippen Method
logp	2.510		Crippen Method
rinpol	1809.00		NIST Webbook
rinpol	1809.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299559&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