1-Diphenylmethylsilyloxypent-2-en-4-yne

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.31		Crippen Method
logp	2.582		Crippen Method
rinpol	1960.00		NIST Webbook
rinpol	1960.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299483&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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