3-Chloro-1-diphenylmethylsilyloxyprop-2-ene

Inchi: InChI=1S/C16H17ClOSi/c1-19(18-14-8-13-17,15-9-4-2-5-10-15)16-11-6-3-7-12-16/h2-13
InchiKey: MOYBNHGEOTYOQV-MDWZMJQESA-N
Formula: C16H17ClOSi
SMILES: C[Si](OCC=CCl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 288.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.32		Crippen Method
logp	3.145		Crippen Method
rinpol	1946.00		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=U299490&Units=SI

Legend

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