Silane, diphenylpentadecyloxy(pent-4-en-2-yloxy)-

Inchi: InChI=1S/C32H50O2Si/c1-4-6-7-8-9-10-11-12-13-14-15-16-23-29-33-35(34-30(3)24-5-2,

InchiKey: UPRVYBGMYNECBU-UHFFFAOYSA-N

Formula: C32H50O2Si

SMILES: C=CCC(C)O[Si](OCCCCCCCCCCCCCCC)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 494.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.15		Crippen Method
logp	8.332		Crippen Method
rinpol	3114.00		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=U367834&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices