1-Diphenylethenylsilyloxytridec-2-yne

Inchi: InChI=1S/C27H36OSi/c1-3-5-6-7-8-9-10-11-12-13-20-25-28-29(4-2,26-21-16-14-17-22-2
InchiKey: CKCPRLVUIPYTMX-UHFFFAOYSA-N
Formula: C27H36OSi
SMILES: C=C[Si](OCC#CCCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 404.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.16		Crippen Method
logp	6.022		Crippen Method
rinpol	3015.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299566&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