1-Diphenylmethylsilyloxytridec-2-yne

Inchi: InChI=1S/C26H36OSi/c1-3-4-5-6-7-8-9-10-11-12-19-24-27-28(2,25-20-15-13-16-21-25)2
InchiKey: YWCLYFOLHQGAKR-UHFFFAOYSA-N
Formula: C26H36OSi
SMILES: CCCCCCCCCCC#CCO[Si](C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 392.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.80		Crippen Method
logp	5.927		Crippen Method
rinpol	3082.00		NIST Webbook
rinpol	3082.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299489&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