Silane, diphenyldodecyloxy(3-methylbut-2-yloxy)-

Inchi: InChI=1S/C29H46O2Si/c1-5-6-7-8-9-10-11-12-13-20-25-30-32(31-27(4)26(2)3,28-21-16-

InchiKey: QVBOVUFCUMHVSW-UHFFFAOYSA-N

Formula: C29H46O2Si

SMILES: CCCCCCCCCCCCO[Si](OC(C)C(C)C)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 454.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.80		Crippen Method
logp	7.242		Crippen Method
rinpol	2794.00		NIST Webbook
rinpol	2794.00		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=U367649&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices