

Silane, diphenyl(3,3-dimethylbut-2-yloxy)tetradecyloxy-

Inchi: InChI=1S/C32H52O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-23-28-33-35(30-24-19-17-20-21-22)/Si1
InchiKey: WPIINDXWITXZRG-UHFFFAOYSA-N
Formula: C32H52O2Si
SMILES: CCCCCCCCCCCCCO[Si](OC(C)C(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 496.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.06		Crippen Method
logp	8.412		Crippen Method
rinpol	3056.00		NIST Webbook
rinpol	3056.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367685&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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

Latest version available from:

<https://www.chemeo.com/cid/48-678-7/Silane-diphenyl-3-3-dimethylbut-2-yloxy-tetradecyloxy.pdf>

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