

Silane, diphenyl(3-methylbut-2-yloxy)pentadecyloxy-

Inchi: InChI=1S/C32H52O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-23-28-33-35(34-30(4)29(2)3,
InchiKey: REZSFCNSLFFFKA-UHFFFAOYSA-N
Formula: C32H52O2Si
SMILES: CCCCCCCCCCCCCCO[Si](OC(C)C(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 496.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.06		Crippen Method
logp	8.412		Crippen Method
rinpol	3108.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367651&Units=SI>

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/47-260-1/Silane-diphenyl-3-methylbut-2-yloxy-pentadecyloxy.pdf>

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