

Silane, diphenyl(2-methylpent-3-yloxy)octadecyloxy-

Inchi: InChI=1S/C36H60O2Si/c1-5-7-8-9-10-11-12-13-14-15-16-17-18-19-20-27-32-37-39(34-2
InchiKey: SNHUHZWUDRRTAL-UHFFFAOYSA-N
Formula: C36H60O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](OC(CC)C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 552.95

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.73		Crippen Method
logp	9.972		Crippen Method
rinpol	3507.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367567&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/64-051-4/Silane-diphenyl-2-methylpent-3-yloxy-octadecyloxy.pdf>

Generated by Cheméo on 2024-04-19 21:09:04.184037888 +0000 UTC m=+15850193.104615210.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.