

Silane, diphenyl(hex-3-yloxy)octadecyloxy-

Inchi: InChI=1S/C36H60O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-19-20-27-33-37-39(35-2)
InchiKey: JAPCNWWVALUHBD-UHFFFAOYSA-N
Formula: C36H60O2Si
SMILES: CCCCCCCCCCCCCCCCCCO[Si](OC(CC)CCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 552.95

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.97		Crippen Method
logp	10.116		Crippen Method
rinpol	3503.00		NIST Webbook
rinpol	3503.00		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=U367619&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/56-987-5/Silane-diphenyl-hex-3-yloxy-octadecyloxy.pdf>

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