

Silane, diphenylcyclohexylmethoxypentadecyloxy-

Inchi: InChI=1S/C34H54O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-23-30-35-37(33-26-19-15-20-27-
InchiKey: UIAAJTWJJCZSIS-UHFFFAOYSA-N
Formula: C34H54O2Si
SMILES: CCCCCCCCCCCCCCO[Si](OCC1CCCCC1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 522.88

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.68		Crippen Method
logp	8.948		Crippen Method
rinpol	3515.00		NIST Webbook
rinpol	3515.00		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=U368025&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/98-892-4/Silane-diphenylcyclohexylmethoxypentadecyloxy.pdf>

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