

Silane, diphenyl(3,4-dimethylcyclohexyloxy)undecyloxy-

Inchi: InChI=1S/C31H48O2Si/c1-4-5-6-7-8-9-10-11-18-25-32-34(30-19-14-12-15-20-30,31-21-1
InchiKey: SBOKYLCAYGLEOM-UHFFFAOYSA-N
Formula: C31H48O2Si
SMILES: CCCCCCCCCCO[Si](OC1CCC(C)C(C)C1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 480.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.29		Crippen Method
logp	7.632		Crippen Method
rinpol	3085.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368184&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/42-491-0/Silane-diphenyl-3-4-dimethylcyclohexyloxy-undecyloxy.pdf>

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