

Silane, diphenyl(3,5-dimethylcyclohexyloxy)nonyloxy-

Inchi: InChI=1S/C29H44O2Si/c1-4-5-6-7-8-9-16-21-30-32(28-17-12-10-13-18-28,29-19-14-11-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29)/s1

InchiKey: SVYXMYYDXAIRAH-UHFFFAOYSA-N

Formula: C₂₉H₄₄O₂Si

SMILES: CCCCCCCCCO[Si](OC1CC(C)CC(C)C1)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 452.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.46		Crippen Method
logp	6.851		Crippen Method
rinpol	2780.00		NIST Webbook
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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=U368033&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/112-836-9/Silane-diphenyl-3-5-dimethylcyclohexyloxy-nonyloxy.pdf>

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