

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

Inchi: InChI=1S/C29H44O2Si/c1-4-5-6-7-8-9-16-23-30-32(28-17-12-10-13-18-28,29-19-14-11-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32)/1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32
InchiKey: IDXQAOTUWFXZSX-UHFFFAOYSA-N
Formula: C₂₉H₄₄O₂Si
SMILES: CCCCCCCCCO[Si](OC1CCC(C)C(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	2878.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368183&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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:

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