

Silane, diphenyl(cis-4-methylcyclohexyloxy)dodecyloxy-

Inchi: InChI=1S/C31H48O2Si/c1-3-4-5-6-7-8-9-10-11-18-27-32-34(30-19-14-12-15-20-30,31-21-22-23-24-25-26-28-29)/OC1CCC(C)CC1/c1cccc1)c1cccc1

InchiKey: FCRDGRDCKMOHEC-UHFFFAOYSA-N

Formula: C₃₁H₄₈O₂Si

SMILES: CCCCCCCCCCO[Si](OC1CCC(C)CC1)(c1cccc1)c1cccc1

Mol. weight [g/mol]: 480.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.53		Crippen Method
logp	7.776		Crippen Method
rinpol	3106.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367474&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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