

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

Inchi: InChI=1S/C28H42O2Si/c1-4-5-6-7-8-15-20-29-31(27-16-11-9-12-17-27,28-18-13-10-14-1)
InchiKey: UTXJICDJGJMJJL-UHFFFAOYSA-N
Formula: C28H42O2Si
SMILES: CCCCCCCCCO[Si](OC1CC(C)CC(C)C1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 438.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.04		Crippen Method
logp	6.461		Crippen Method
rinpol	2690.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368032&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/13-312-0/Silane-diphenyl-3-5-dimethylcyclohexyloxy-octyloxy.pdf>

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