

Silane, diphenyldi(3,4-dimethylcyclohexyloxy)-

Inchi: InChI=1S/C28H40O2Si/c1-21-15-17-25(19-23(21)3)29-31(27-11-7-5-8-12-27,28-13-9-6-1
InchiKey: XXWVLENTWFZAJA-UHFFFAOYSA-N
Formula: C28H40O2Si
SMILES: CC1CCC(O[Si](OC2CCC(C)C(C)C2)(c2ccccc2)c2ccccc2)CC1C
Mol. weight [g/mol]: 436.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.56		Crippen Method
logp	5.926		Crippen Method
rinpol	2795.00		NIST Webbook
rinpol	2795.00		NIST Webbook

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=U368185&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/98-232-6/Silane-diphenyldi-3-4-dimethylcyclohexyloxy.pdf>

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