

Silane, diphenylisobutoxy(4-(4-methoxyphenyl)cyclohexyloxy)

Inchi: InChI=1S/C29H36O3Si/c1-23(2)22-31-33(28-10-6-4-7-11-28,29-12-8-5-9-13-29)32-27-20
InchiKey: DUIIVCYMUVRJSL-UHFFFAOYSA-N
Formula: C29H36O3Si
SMILES: COc1ccc(C2CCC(O[Si](OCC(C)C)(c3ccccc3)c3ccccc3)CC2)cc1
Mol. weight [g/mol]: 460.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.47		Crippen Method
logp	5.667		Crippen Method
rinpol	3297.00		NIST Webbook
rinpol	3297.00		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=U367479&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/57-134-0/Silane-diphenylisobutoxy-4-4-methoxyphenyl-cyclohexyloxy.pdf>

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