Silane, diphenylbutoxy(3,4-dimethylcyclohexyloxy)-

Inchi: InChI=1S/C24H34O2Si/c1-4-5-18-25-27(23-12-8-6-9-13-23,24-14-10-7-11-15-24)26-22-1

InchiKey: IGUXHIMLRVMYJU-UHFFFAOYSA-N

Formula: C24H34O2Si

SMILES: CCCCO[Si](OC1CCC(C)C(C)C1)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 382.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.36		Crippen Method
logp	4.901		Crippen Method
rinpol	2415.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368179&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.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:

https://www.chemeo.com/cid/21-631-7/Silane-diphenylbutoxy-3-4-dimethylcyclohexyloxy.pdf

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