

Silane, diphenylbutoxy(trans-4-methylcyclohexyloxy)-

Inchi: InChI=1S/C23H32O2Si/c1-3-4-19-24-26(22-11-7-5-8-12-22,23-13-9-6-10-14-23)25-21-17
InchiKey: BWOMLLQCISFDNQ-UHFFFAOYSA-N
Formula: C23H32O2Si
SMILES: CCCCCO[Si](OC1CCC(C)CC1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 368.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.19		Crippen Method
logp	4.655		Crippen Method
rinpol	2353.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367756&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/51-872-7/Silane-diphenylbutoxy-trans-4-methylcyclohexyloxy.pdf>

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