

Silane, diphenylhexyloxy(trans-4-methylcyclohexyloxy)-

Inchi: InChI=1S/C25H36O2Si/c1-3-4-5-12-21-26-28(24-13-8-6-9-14-24,25-15-10-7-11-16-25)27
InchiKey: AORUIELKIXQZED-UHFFFAOYSA-N
Formula: C25H36O2Si
SMILES: CCCCCCO[Si](OC1CCC(C)CC1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 396.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.02		Crippen Method
logp	5.435		Crippen Method
rinpol	2533.00		NIST Webbook
rinpol	2533.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367759&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/43-971-6/Silane-diphenylhexyloxy-trans-4-methylcyclohexyloxy.pdf>

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