

Silane, diphenyldecyloxy(trans-4-methylcyclohexyloxy)-

Inchi: InChI=1S/C29H44O2Si/c1-3-4-5-6-7-8-9-16-25-30-32(28-17-12-10-13-18-28,29-19-14-11)
InchiKey: QHLISWXVBMFYFTB-UHFFFAOYSA-N
Formula: C29H44O2Si
SMILES: CCCCCCCCCO[Si](OC1CCC(C)CC1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 452.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.70		Crippen Method
logp	6.996		Crippen Method
rinpol	2918.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367762&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/64-061-3/Silane-diphenyldecyloxy-trans-4-methylcyclohexyloxy.pdf>

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