

Silane, diphenyldodecyloxy(2,4,4-trimethylpentyl)-

Inchi: InChI=1S/C32H52O2Si/c1-6-7-8-9-10-11-12-13-14-21-26-33-35(30-22-17-15-18-23-30,3
InchiKey: KHEGDPWXKPUCAH-UHFFFAOYSA-N
Formula: C32H52O2Si
SMILES: CCCCCCCCCCO[Si](OCC(C)CC(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 496.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.71		Crippen Method
logp	8.269		Crippen Method
rinpol	2986.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368059&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/52-426-1/Silane-diphenyldodecyloxy-2-4-4-trimethylpentyl.pdf>

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