

Silane, diphenylhexadecyloxy(2,4,4-trimethylpentyloxy)-

Inchi: InChI=1S/C36H60O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-25-30-37-39(34-26-21-1
InchiKey: QITKSVCWWIUYSU-UHFFFAOYSA-N
Formula: C36H60O2Si
SMILES: CCCCCCCCCCCCCCO[Si](OCC(C)CC(C)(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 552.95

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.38		Crippen Method
logp	9.830		Crippen Method
rinpol	3392.00		NIST Webbook
rinpol	3392.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368063&Units=SI>

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/59-633-4/Silane-diphenylhexadecyloxy-2-4-4-trimethylpentyloxy.pdf>

Generated by Cheméo on 2024-04-27 22:47:38.18979421 +0000 UTC m=+16547307.110371531.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.