

Silane, diphenyl(2,4-dimethylpent-3-yloxy)hexadecyloxy-

Inchi: InChI=1S/C35H58O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-25-30-36-38(33-26-21-1
InchiKey: SBYCUUZMQOWECF-UHFFFAOYSA-N
Formula: C35H58O2Si
SMILES: CCCCCCCCCCCCCCO[Si](OC(C(C)C)C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 538.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.07		Crippen Method
logp	9.438		Crippen Method
rinpol	3332.00		NIST Webbook
rinpol	3332.00		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=U367539&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/97-171-5/Silane-diphenyl-2-4-dimethylpent-3-yloxy-hexadecyloxy.pdf>

Generated by Cheméo on 2024-04-27 13:57:47.399564778 +0000 UTC m=+16515516.320142090.

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