

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

Inchi: InChI=1S/C35H58O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-24-29-36-38(33-25-20-18-2
InchiKey: GVUDTXIGBIEFHL-UHFFFAOYSA-N
Formula: C35H58O2Si
SMILES: CCCCCCCCCCCCCCO[Si](OCC(C)CC(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 538.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.96		Crippen Method
logp	9.440		Crippen Method
rinsol	3293.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368062&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/98-901-3/Silane-diphenylpentadecyloxy-2-4-4-trimethylpentyloxy.pdf>

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