

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

Inchi: InChI=1S/C34H56O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-23-28-35-37(32-24-19-17-20-2
InchiKey: RCHOXKPKVBYAEY-UHFFFAOYSA-N
Formula: C34H56O2Si
SMILES: CCCCCCCCCCCCCO[Si](OCC(C)CC(C)(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 524.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.54		Crippen Method
logp	9.050		Crippen Method
rinpol	3192.00		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=U368061&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/24-734-0/Silane-diphenyltetradecyloxy-2-4-4-trimethylpentyloxy.pdf>

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