

Silane, diphenyl(2-decyloxy)undecyloxy-

Inchi: InChI=1S/C33H54O2Si/c1-4-6-8-10-12-13-14-16-24-30-34-36(32-26-20-17-21-27-32,33-36)/1-33
InchiKey: SEKMKLQHCJYJST-UHFFFAOYSA-N
Formula: C33H54O2Si
SMILES: CCCCCCCCCCO[Si](OC(C)CCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 510.87

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.72		Crippen Method
logp	8.946		Crippen Method
rinpol	3143.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367589&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/31-717-1/Silane-diphenyl-2-decyloxy-undecyloxy.pdf>

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