

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

Inchi: InChI=1S/C30H48O2Si/c1-6-7-8-9-10-11-12-13-20-25-31-33(28-21-16-14-17-22-28,29-2)
InchiKey: XMxNJZUVtNHIDD-UHFFFAOYSA-N
Formula: C₃₀H₄₈O₂Si
SMILES: CCCCCCCCCCO[Si](OC(C(C)C)C(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 468.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.98		Crippen Method
logp	7.488		Crippen Method
rinpol	2817.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367535&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/27-229-8/Silane-diphenyl-2-4-dimethylpent-3-yloxy-undecyloxy.pdf>

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