

Silane, diphenyl(3,3-dimethylbut-2-yloxy)undecyloxy-

Inchi: InChI=1S/C29H46O2Si/c1-6-7-8-9-10-11-12-13-20-25-30-32(27-21-16-14-17-22-27,28-29)/1
InchiKey: VCCYKMZELXMGMV-UHFFFAOYSA-N
Formula: C29H46O2Si
SMILES: CCCCCCCCCCO[Si](OC(C)C(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 454.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.80		Crippen Method
logp	7.242		Crippen Method
rinpol	2746.00		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=U367682&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/26-206-4/Silane-diphenyl-3-3-dimethylbut-2-yloxy-undecyloxy.pdf>

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