

Silane, diphenyl(2,4,4-trimethylpentyloxy)undecyloxy-

Inchi: InChI=1S/C31H50O2Si/c1-6-7-8-9-10-11-12-13-20-25-32-34(29-21-16-14-17-22-29,30-2
InchiKey: ZYKVYBIGCVDCHR-UHFFFAOYSA-N
Formula: C31H50O2Si
SMILES: CCCCCCCCCCO[Si](OCC(C)CC(C)(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 482.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.29		Crippen Method
logp	7.879		Crippen Method
rinpol	2877.00		NIST Webbook
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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=U368058&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/50-115-8/Silane-diphenyl-2-4-4-trimethylpentyloxy-undecyloxy.pdf>

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