

Silane, diphenyl(3-methylbut-3-en-1-yloxy)undecyloxy-

Inchi: InChI=1S/C28H42O2Si/c1-4-5-6-7-8-9-10-11-18-24-29-31(30-25-23-26(2)3,27-19-14-12-
InchiKey: BQDQOOMHLHRRKH-UHFFFAOYSA-N
Formula: C28H42O2Si
SMILES: C=C(C)CCO[Si](OCCCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 438.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.37		Crippen Method
logp	6.773		Crippen Method
rinsol	2769.00		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=U367814&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
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/23-893-5/Silane-diphenyl-3-methylbut-3-en-1-yloxy-undecyloxy.pdf>

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