

Silane, diphenyl(pent-4-en-2-yloxy)undecyloxy-

Inchi: InChI=1S/C28H42O2Si/c1-4-6-7-8-9-10-11-12-19-25-29-31(30-26(3)20-5-2,27-21-15-13-
InchiKey: PSPFMQACKMZLFV-UHFFFAOYSA-N
Formula: C28H42O2Si
SMILES: C=CCC(C)O[Si](OCCCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 438.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.48		Crippen Method
logp	6.772		Crippen Method
rinpol	2708.00		NIST Webbook

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=U367831&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/10-332-1/Silane-diphenyl-pent-4-en-2-yloxy-undecyloxy.pdf>

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