

Silane, diphenyl(pent-4-en-1-yloxy)undecyloxy-

Inchi: InChI=1S/C28H42O2Si/c1-3-5-7-8-9-10-11-12-20-26-30-31(29-25-19-6-4-2,27-21-15-13-11)/Si1
InchiKey: HMZSSTPHEMFVFM-UHFFFAOYSA-N
Formula: C28H42O2Si
SMILES: C=CCCCO[Si](OCCCCCCCCC)(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
rinpol	2780.00		NIST Webbook
rinpol	2780.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367984&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/13-884-6/Silane-diphenyl-pent-4-en-1-yloxy-undecyloxy.pdf>

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