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-

InchiKey: HMZSSTPHEMFVFM-UHFFFAOYSA-N

Formula: C28H42O2Si

SMILES: C=CCCCO[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
rinpol	2780.00		NIST Webbook
rinpol	2780.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367984&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

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https://www.chemeo.com/cid/13-884-6/Silane-diphenyl-pent-4-en-1-yloxy-undecyloxy.pdf

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