

Silane, diphenyl(cis-hex-3-en-1-yloxy)tetradecyloxy-

Inchi: InChI=1S/C32H50O2Si/c1-3-5-7-9-10-11-12-13-14-15-16-24-30-34-35(31-25-19-17-20-2
InchiKey: ITQIRPBBLOCZGX-VURMDHGXSA-N
Formula: C32H50O2Si
SMILES: CCC=CCCO[Si](OCCCCCCCCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 494.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.04		Crippen Method
logp	8.334		Crippen Method
rinpol	3199.00		NIST Webbook
rinpol	3199.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367999&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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