

Silane, diphenyl(dodec-9-yn-1-yloxy)undecyloxy-

Inchi: InChI=1S/C35H54O2Si/c1-3-5-7-9-11-13-15-17-19-27-33-37-38(34-28-22-20-23-29-34,38)/1-2
InchiKey: JYIMRSFLXZUEAC-UHFFFAOYSA-N
Formula: C35H54O2Si
SMILES: CCC#CCCCCCCCCO[Si](OCCCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 534.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.24		Crippen Method
logp	8.951		Crippen Method
rinpol	3550.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367753&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/22-576-8/Silane-diphenyl-dodec-9-yn-1-yloxy-undecyloxy.pdf>

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