

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

Inchi: InChI=1S/C33H50O2Si/c1-3-5-7-9-11-12-13-15-17-25-31-35-36(32-26-20-18-21-27-32,33-34)/Si1
InchiKey: ZJJREFIXOZSEQO-UHFFFAOYSA-N
Formula: C33H50O2Si
SMILES: CCC#CCCCCCCCO[Si](OCCCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 506.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.40		Crippen Method
logp	8.171		Crippen Method
rinpol	3319.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367751&Units=SI>

Legend

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

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