

Silane, diphenyldecyloxy(dodec-9-yn-1-yloxy)-

Inchi: InChI=1S/C34H52O2Si/c1-3-5-7-9-11-13-14-16-18-26-32-36-37(33-27-21-19-22-28-33,3)
InchiKey: NJEXGSUUCFQMEX-UHFFFAOYSA-N
Formula: C34H52O2Si
SMILES: CCC#CCCCCCCCCO[Si](OCCCCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 520.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.82		Crippen Method
logp	8.561		Crippen Method
rinpol	3419.00		NIST Webbook
rinpol	3419.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367752&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/29-084-7/Silane-diphenyldecyloxy-dodec-9-yn-1-yloxy.pdf>

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