

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

Inchi: InChI=1S/C32H48O2Si/c1-3-5-7-9-11-12-13-14-16-24-30-34-35(31-25-19-17-20-26-31,32-27-23-21-22)/1
InchiKey: FUVCKCGZFMKVNP-UHFFFAOYSA-N
Formula: C32H48O2Si
SMILES: CCC#CCCCCCCCCO[Si](OCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 492.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.98		Crippen Method
logp	7.781		Crippen Method
rinpol	3224.00		NIST Webbook
rinpol	3224.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367750&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

Latest version available from:

<https://www.chemeo.com/cid/94-755-0/Silane-diphenyl-dodec-9-yn-1-yloxy-octyloxy.pdf>

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