

Silane, diphenyldodecyloxy(non-5-yn-3-yloxy)-

Inchi: InChI=1S/C33H50O2Si/c1-4-7-9-11-12-13-14-15-16-24-30-34-36(32-26-20-17-21-27-32,
InchiKey: IAWBAMNOVSPAJR-UHFFFAOYSA-N
Formula: C33H50O2Si
SMILES: CCCC#CCC(CC)O[Si](OCCCCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 506.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.51		Crippen Method
logp	8.169		Crippen Method
rinpol	3154.00		NIST Webbook
rinpol	3154.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367777&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

Latest version available from:

<https://www.cheméo.com/cid/98-991-4/Silane-diphenyldodecyloxy-non-5-yn-3-yloxy.pdf>

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