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

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367777&Units=SI

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/98-991-4/Silane-diphenyldodecyloxy-non-5-yn-3-yloxy.pdf
Generated by Cheméo on 2024-10-12 04:41:45.544776565 +0000 UTC m=+3288968.181745864.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.