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

Inchi: InChI=1S/C30H44O2Si/c1-4-7-9-11-12-13-21-27-31-33(29-23-17-14-18-24-29,30-25-19-
InchiKey: GZEYRJWPTFRZKR-UHFFFAOYSA-N
Formula: C30H44O2Si
SMILES: CCCC#CCC(CC)O[Si](OCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 464.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.26		Crippen Method
logp	6.999		Crippen Method
rinpol	2846.00		NIST Webbook
rinpol	2846.00		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=U367774&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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