Silane, dimethyl(4-phenylphenoxy)octadecyloxy-

Inchi: InChI=1S/C32H52O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-22-29-33-35(2,3)34-

InchiKey: JQAYNEFWSPCMPP-UHFFFAOYSA-N

Formula: C32H52O2Si

SMILES: CCCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(-c2ccccc2)cc1

Mol. weight [g/mol]: 496.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.87		Crippen Method
logp	10.712		Crippen Method
rinpol	3669.00		NIST Webbook
rinpol	3669.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347499&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