Silane, dimethyl(4-phenylphenoxy)undecyloxy-

Inchi: InChI=1S/C25H38O2Si/c1-4-5-6-7-8-9-10-11-15-22-26-28(2,3)27-25-20-18-24(19-21-25)

InchiKey: BNLIDLVUZHBZMB-UHFFFAOYSA-N

Formula: C25H38O2Si

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

Mol. weight [g/mol]: 398.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.94		Crippen Method
logp	7.982		Crippen Method
rinpol	2789.00		NIST Webbook
rinpol	2789.00		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=U347493&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices