Silane, dimethyl(4-(2-phenylprop-2-yl)phenoxy)dodecylox

Inchi: InChI=1S/C29H46O2Si/c1-6-7-8-9-10-11-12-13-14-18-25-30-32(4,5)31-28-23-21-27(22-2

InchiKey: OUZGWUXNPNRIEK-UHFFFAOYSA-N

Formula: C29H46O2Si

SMILES: CCCCCCCCCCCCO[Si](C)(C)Oc1ccc(C(C)(C)c2ccccc2)cc1

Mol. weight [g/mol]: 454.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.36		Crippen Method
logp	9.031		Crippen Method
rinpol	2971.00		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=U347195&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices