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

Inchi: InChI=1S/C22H32O2Si/c1-6-7-11-18-23-25(4,5)24-21-16-14-20(15-17-21)22(2,3)19-12-9

InchiKey: URGKDLSIOUDUHN-UHFFFAOYSA-N

Formula: C22H32O2Si

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

Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.43		Crippen Method
logp	6.300		Crippen Method
rinpol	2296.00		NIST Webbook
rinpol	2296.00		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=U347189&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices