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

Inchi: InChI=1S/C34H42O3Si2/c1-33(2,27-15-11-9-12-16-27)29-19-23-31(24-20-29)35-38(5,6)3

InchiKey: NARQLTFYBDYKBG-UHFFFAOYSA-N

Formula: C34H42O3Si2

SMILES: CC(C)(c1ccccc1)c1ccc(O[Si](C)(C)O[Si](C)(C)Oc2ccc(C(C)(C)c3ccccc3)cc2)cc1

Mol. weight [g/mol]: 554.87

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.77		Crippen Method
logp	9.216		Crippen Method
rinpol	3594.00		NIST Webbook
rinpol	3594.00		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=U347199&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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