Silane, diphenyl(2,4-dimethylpent-3-yloxy)pentadecyloxy

Inchi: InChI=1S/C34H56O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-24-29-35-37(32-25-20-18-2

InchiKey: ZSSZQZFTRWDBNR-UHFFFAOYSA-N

Formula: C34H56O2Si

SMILES: CCCCCCCCCCCCCCCO[Si](OC(C(C)C)C(C)C)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 524.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.65		Crippen Method
logp	9.048		Crippen Method
rinpol	3231.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367538&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices