Silane, diphenyl(3-ethylphenoxy)tetradecyloxy-

Inchi: InChI=1S/C34H48O2Si/c1-3-5-6-7-8-9-10-11-12-13-14-21-29-35-37(33-25-17-15-18-26-3
InchiKey: YGQFZRGIJKTYRA-UHFFFAOYSA-N
Formula: C34H48O2Si
SMILES: CCCCCCCCCCCCCCO[Si](Oc1cccc(CC)c1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 516.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.74		Crippen Method
logp	8.602		Crippen Method
rinpol	3466.00		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=U367465&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices