Silane, diethyl(3-phenoxybenzyloxy)tetradecyloxy-

Inchi: InChI=1S/C31H50O3Si/c1-4-7-8-9-10-11-12-13-14-15-16-20-26-32-35(5-2,6-3)33-28-29-

InchiKey: RSBDEGXWABAMNQ-UHFFFAOYSA-N

Formula: C31H50O3Si

SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OCc1cccc(Oc2ccccc2)c1

Mol. weight [g/mol]: 498.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.33		Crippen Method
logp	10.195		Crippen Method
rinpol	3325.00		NIST Webbook
rinpol	3325.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U363311&Units=SI

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices