Silane, diethyldodecyloxy(3-phenoxybenzyloxy)-

Inchi: InChI=1S/C29H46O3Si/c1-4-7-8-9-10-11-12-13-14-18-24-30-33(5-2,6-3)31-26-27-20-19-

InchiKey: HIQJQPPBDRCRDL-UHFFFAOYSA-N

Formula: C29H46O3Si

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

Mol. weight [g/mol]: 470.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.49		Crippen Method
logp	9.415		Crippen Method
rinpol	3121.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U363309&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