Silane, dimethyl(4-phenoxybenzyloxy)pentadecyloxy-

Inchi: InChI=1S/C30H48O3Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-19-26-31-34(2,3)32-27-28-22-

InchiKey: NLELSRXNYPKHTE-UHFFFAOYSA-N

Formula: C30H48O3Si

SMILES: CCCCCCCCCCCCCCCO[Si](C)(C)OCc1ccc(Oc2ccccc2)cc1

Mol. weight [g/mol]: 484.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.91		Crippen Method
logp	9.805		Crippen Method
rinpol	3243.00		NIST Webbook
rinpol	3243.00		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=U347408&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices