Silane, diethyl(3-phenylpropoxy)tetradecyloxy-

Inchi: InChI=1S/C27H50O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-20-25-28-30(5-2,6-3)29-26-21-
InchiKey: AXPUVMTYFIIVRC-UHFFFAOYSA-N
Formula: C27H50O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OCCCc1ccccc1
Mol. weight [g/mol]: 434.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.04		Crippen Method
logp	8.835		Crippen Method
rinpol	2819.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U363153&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