Silane, diethylpentadecyloxy(1-phenylpropoxy)-

Inchi: InChI=1S/C28H52O2Si/c1-5-9-10-11-12-13-14-15-16-17-18-19-23-26-29-31(7-3,8-4)30-2
InchiKey: FHYKFHBCWQRDEB-UHFFFAOYSA-N
Formula: C28H52O2Si
SMILES: CCCCCCCCCCCCCCCO[Si](CC)(CC)OC(CC)c1ccccc1
Mol. weight [g/mol]: 448.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.91		Crippen Method
logp	9.744		Crippen Method
rinpol	2756.00		NIST Webbook
rinpol	2756.00		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=U363276&Units=SI

Legend

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