Silane, diethyl(2-phenylphenoxy)tetradecyloxy-

Inchi: InChI=1S/C30H48O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-22-27-31-33(5-2,6-3)32-30-26-

InchiKey: LFJPRUJUKDGFMR-UHFFFAOYSA-N

Formula: C30H48O2Si

SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)Oc1ccccc1-c1ccccc1

Mol. weight [g/mol]: 468.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.03		Crippen Method
logp	9.932		Crippen Method
rinpol	3085.00		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=U363286&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Latest version available from:

https://www.chemeo.com/cid/68-353-5/Silane-diethyl-2-phenylphenoxy-tetradecyloxy.pdf

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