

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: CCCCCCCCCCCCCO[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: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363286&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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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