

Silane, diethylhexadecyloxy(4-phenylphenoxy)-

Inchi: InChI=1S/C32H52O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-22-29-33-35(5-2,6-3)34-
InchiKey: AXASYBRHYFZHIQ-UHFFFAOYSA-N
Formula: C32H52O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)Oc1ccc(-c2ccccc2)cc1
Mol. weight [g/mol]: 496.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.87		Crippen Method
logp	10.712		Crippen Method
rinpol	3504.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363400&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/17-688-0/Silane-diethylhexadecyloxy-4-phenylphenoxy.pdf>

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