Silane, diethylpentadecyloxy(3-phenoxybenzyloxy)-

Inchi: InChI=1S/C32H52O3Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-21-27-33-36(5-2,6-3)34-29-

InchiKey: LCOIWKCPIGMIHV-UHFFFAOYSA-N

Formula: C32H52O3Si

SMILES: CCCCCCCCCCCCCCCO[Si](CC)(CC)OCc1cccc(Oc2ccccc2)c1

Mol. weight [g/mol]: 512.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.75		Crippen Method
logp	10.585		Crippen Method
rinpol	3436.00		NIST Webbook
rinpol	3436.00		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=U363312&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/94-726-2/Silane-diethylpentadecyloxy-3-phenoxybenzyloxy.pdf

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