

Silane, diethylpentadecyloxy(3-phenylpropoxy)-

Inchi: InChI=1S/C28H52O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-21-26-29-31(5-2,6-3)30-27-
InchiKey: BRFOYKXCNMQSGP-UHFFFAOYSA-N
Formula: C28H52O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OCCc1ccccc1
Mol. weight [g/mol]: 448.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.45		Crippen Method
logp	9.226		Crippen Method
rinpol	2909.00		NIST Webbook
rinpol	2909.00		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=U363154&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/42-707-0/Silane-diethylpentadecyloxy-3-phenylpropoxy.pdf>

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