

Silane, diethyldodecyloxy(4-phenylphenoxy)-

Inchi: InChI=1S/C28H44O2Si/c1-4-7-8-9-10-11-12-13-14-18-25-29-31(5-2,6-3)30-28-23-21-27(
InchiKey: CKRCVPNYVGEKOH-UHFFFAOYSA-N
Formula: C28H44O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)Oc1ccc(-c2ccccc2)cc1
Mol. weight [g/mol]: 440.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.19		Crippen Method
logp	9.152		Crippen Method
rinpol	3082.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363396&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/24-402-8/Silane-diethyldodecyloxy-4-phenylphenoxy.pdf>

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