

Silane, dimethyl(2-isopropylphenoxy)tetradecyloxy-

Inchi: InChI=1S/C25H46O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-19-22-26-28(4,5)27-25-21-18-1
InchiKey: VGFAxEDLYZFSQB-UHFFFAOYSA-N
Formula: C25H46O2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)Oc1cccc1C(C)C
Mol. weight [g/mol]: 406.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.78		Crippen Method
logp	8.608		Crippen Method
rinpol	2498.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347251&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/17-807-7/Silane-dimethyl-2-isopropylphenoxy-tetradecyloxy.pdf>

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