

Silane, dimethyl(2-isopropylphenoxy)hexadecyloxy-

Inchi: InChI=1S/C27H50O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-21-24-28-30(4,5)29-27-2
InchiKey: YSPDPLPDZWIHMN-UHFFFAOYSA-N
Formula: C27H50O2Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)Oc1cccc1C(C)C
Mol. weight [g/mol]: 434.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.61		Crippen Method
logp	9.389		Crippen Method
rinpol	2699.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347252&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/58-890-0/Silane-dimethyl-2-isopropylphenoxy-hexadecyloxy.pdf>

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