

Silane, diethyl(2,3-dimethylphenoxy)hexadecyloxy-

Inchi: InChI=1S/C28H52O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-21-25-29-31(7-2,8-3)3
InchiKey: CIYXMNAQLYIXAW-UHFFFAOYSA-N
Formula: C28H52O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](CC)(CC)Oc1cccc(C)c1C
Mol. weight [g/mol]: 448.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.22		Crippen Method
logp	9.662		Crippen Method
rinpol	2908.00		NIST Webbook
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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=U363348&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/52-893-3/Silane-diethyl-2-3-dimethylphenoxy-hexadecyloxy.pdf>

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