

Silane, diethyl(3,5-dimethylphenoxy)hexyloxy-

Inchi: InChI=1S/C18H32O2Si/c1-6-9-10-11-12-19-21(7-2,8-3)20-18-14-16(4)13-17(5)15-18/h13-17
InchiKey: BEMJCPNCVVUEOV-UHFFFAOYSA-N
Formula: C18H32O2Si
SMILES: CCCCCCO[Si](CC)(CC)Oc1cc(C)cc(C)c1
Mol. weight [g/mol]: 308.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.03		Crippen Method
logp	5.761		Crippen Method
rinpol	1865.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363365&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/35-139-9/Silane-diethyl-3-5-dimethylphenoxy-hexyloxy.pdf>

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