

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

Inchi: InChI=1S/C16H28O2Si/c1-6-9-10-17-19(7-2,8-3)18-16-12-14(4)11-15(5)13-16/h11-13H,6
InchiKey: AWYYBCMVEDACOC-UHFFFAOYSA-N
Formula: C16H28O2Si
SMILES: CCCCCO[Si](CC)(CC)Oc1cc(C)cc(C)c1
Mol. weight [g/mol]: 280.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.19		Crippen Method
logp	4.981		Crippen Method
rinpol	1683.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363363&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/52-620-5/Silane-diethyl-3-5-dimethylphenoxy-butyloxy.pdf>

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