

Silane, diethyldecyloxypropoxy-

Inchi: InChI=1S/C17H38O2Si/c1-5-9-10-11-12-13-14-15-17-19-20(7-3,8-4)18-16-6-2/h5-17H2,1
InchiKey: KAMFDVSKCJIODR-UHFFFAOYSA-N
Formula: C17H38O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)OCCC
Mol. weight [g/mol]: 302.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.75		Crippen Method
logp	6.052		Crippen Method
rinpol	1780.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363326&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/50-939-4/Silane-diethyldecyloxypropoxy.pdf>

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