

Silane, diethyldecyloxyisobutoxy-

Inchi: InChI=1S/C18H40O2Si/c1-6-9-10-11-12-13-14-15-16-19-21(7-2,8-3)20-17-18(4)5/h18H,6
InchiKey: DHTVBIMJVHPTHE-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCCCCCCCCO[Si](CC)(CC)OCC(C)C
Mol. weight [g/mol]: 316.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.92		Crippen Method
logp	6.298		Crippen Method
rinpol	1814.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363065&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/60-179-7/Silane-diethyldecyloxyisobutoxy.pdf>

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