

Silane, diethylisohexyloxy(4-octyloxy)-

Inchi: InChI=1S/C18H40O2Si/c1-7-11-15-18(13-8-2)20-21(9-3,10-4)19-16-12-14-17(5)6/h17-18
InchiKey: IKXWDMQNIJLTFN-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCCCC(CCC)O[Si](CC)(CC)OCCCC(C)C
Mol. weight [g/mol]: 316.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.03		Crippen Method
logp	6.297		Crippen Method
rinpol	1674.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363748&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/11-102-5/Silane-diethylisohexyloxy-4-octyloxy.pdf>

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