

Silane, dimethyldi(2-octyloxy)-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.39		Crippen Method
logp	6.439		Crippen Method
rinpol	1709.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346854&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/99-376-6/Silane-dimethyldi-2-octyloxy.pdf>

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