

Silane, methylvinyl(3,7-dimethyloctyloxy)butoxy-

Inchi: InChI=1S/C17H36O2Si/c1-7-9-14-18-20(6,8-2)19-15-13-17(5)12-10-11-16(3)4/h8,16-17H
InchiKey: OTBWAQCJKVOYCL-UHFFFAOYSA-N
Formula: C17H36O2Si
SMILES: C=C[Si](C)(OCCCC)OCCC(C)CCCC(C)C
Mol. weight [g/mol]: 300.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.20		Crippen Method
logp	5.469		Crippen Method
rinpol	1726.00		NIST Webbook
rinpol	1726.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416391&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/114-596-4/Silane-methylvinyl-3-7-dimethyloctyloxy-butoxy.pdf>

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