

Silane, methylvinyl(3,7-dimethyloctyloxy)pentyl- oxy-

Inchi: InChI=1S/C18H38O2Si/c1-7-9-10-15-19-21(6,8-2)20-16-14-18(5)13-11-12-17(3)4/h8,17-
InchiKey: MKJRIRUOIDMXTH-UHFFFAOYSA-N
Formula: C18H38O2Si
SMILES: C=C[Si](C)(OCCCC)OCCC(C)CCCC(C)C
Mol. weight [g/mol]: 314.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.62		Crippen Method
logp	5.859		Crippen Method
rinpol	2093.00		NIST Webbook
rinpol	2093.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416392&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/97-356-0/Silane-methylvinyl-3-7-dimethyloctyloxy-pentyl-oxo.pdf>

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