

Silane, dimethyl(3,7-dimethyloct-3-yloxy)isohexyloxy-

Inchi: InChI=1S/C18H40O2Si/c1-9-18(6,14-10-12-16(2)3)20-21(7,8)19-15-11-13-17(4)5/h16-17
InchiKey: PSYDZWVCTDXZIF-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCC(C)(CCCC(C)C)O[Si](C)(C)OCCCC(C)C
Mol. weight [g/mol]: 316.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.79		Crippen Method
logp	6.153		Crippen Method
rinpol	1761.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346782&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/29-989-3/Silane-dimethyl-3-7-dimethyloct-3-yloxy-isohexyloxy.pdf>

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