

Silane, dimethyl(dodec-2-enyloxy)isobutoxy-

Inchi: InChI=1S/C18H38O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-19-21(4,5)20-17-18(2)3/h14-15
InchiKey: XIPGJLFBKMAGR-F-CCEZHUSRSA-N
Formula: C18H38O2Si
SMILES: CCCCCCCC=CCO[Si](C)(C)OCC(C)C
Mol. weight [g/mol]: 314.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.78		Crippen Method
logp	6.074		Crippen Method
rinpol	1840.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348066&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/16-816-8/Silane-dimethyl-dodec-2-enyloxy-isobutoxy.pdf>

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