

Silane, dimethyl(dimethyl(2-ethylbutoxy)silyloxy)(2-ethyl

Inchi: InChI=1S/C16H38O3Si2/c1-9-15(10-2)13-17-20(5,6)19-21(7,8)18-14-16(11-3)12-4/h15-16
InchiKey: MDEPSMUDYPLACN-UHFFFAOYSA-N
Formula: C16H38O3Si2
SMILES: CCC(CC)CO[Si](C)(C)O[Si](C)(C)OCC(CC)CC
Mol. weight [g/mol]: 334.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.56		Crippen Method
logp	5.312		Crippen Method
rinpol	1508.00		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=U347593&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/26-805-9/Silane-dimethyl-dimethyl-2-ethylbutoxy-silyloxy-2-ethylbutoxy.pdf>

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