

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

Inchi: InChI=1S/C18H42O3Si2/c1-8-11-12-13-14-15-16-19-22(4,5)21-23(6,7)20-17-18(9-2)10-3
InchiKey: GEJMYCFIPLYKHE-UHFFFAOYSA-N
Formula: C18H42O3Si2
SMILES: CCCCCCCO[Si](C)(C)O[Si](C)(C)OCC(CC)CC
Mol. weight [g/mol]: 362.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.64		Crippen Method
logp	6.237		Crippen Method
rinpol	1748.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347591&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/48-175-5/Silane-dimethyl-dimethyl-2-ethylbutoxy-silyloxy-octyloxy.pdf>

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