Silane, dimethyl(dimethyl(2-ethylhexyloxy)silyloxy)isohex

Inchi: InChI=1S/C18H42O3Si2/c1-9-11-14-18(10-2)16-20-23(7,8)21-22(5,6)19-15-12-13-17(3)4

InchiKey: GSSQUKPRFYDFJF-UHFFFAOYSA-N

Formula: C18H42O3Si2

SMILES: CCCCC(CC)CO[Si](C)(C)O[Si](C)(C)OCCCC(C)C

Mol. weight [g/mol]: 362.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.40		Crippen Method
logp	6.092		Crippen Method
rinpol	1716.00		NIST Webbook
rinpol	1716.00		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=U346789&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/47-255-7/Silane-dimethyl-dimethyl-2-ethylhexyloxy-silyloxy-isohexyloxy.pdf

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