

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

Inchi: InChI=1S/C15H36O3Si2/c1-8-11-12-15(10-3)14-17-20(6,7)18-19(4,5)16-13-9-2/h15H,8-14H2,16-14H
InchiKey: PCSKDOZQVDBDCX-UHFFFAOYSA-N
Formula: C15H36O3Si2
SMILES: CCCCC(CC)CO[Si](C)(C)O[Si](C)(C)OCCC
Mol. weight [g/mol]: 320.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.39		Crippen Method
logp	5.066		Crippen Method
rinpol	1451.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346787&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/20-303-2/Silane-dimethyl-dimethyl-2-ethylhexyloxy-silyloxy-propoxy.pdf>

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