

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

Inchi: InChI=1S/C20H46O3Si2/c1-9-13-15-19(11-3)17-21-24(5,6)23-25(7,8)22-18-20(12-4)16-10
InchiKey: BCNKMZVQPERNC-UHFFFAOYSA-N
Formula: C20H46O3Si2
SMILES: CCCCC(CC)CO[Si](C)(C)O[Si](C)(C)OCC(CC)CCCC
Mol. weight [g/mol]: 390.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.24		Crippen Method
logp	6.873		Crippen Method
rinpol	1823.00		NIST Webbook
rinpol	1823.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346792&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/119-439-3/Silane-dimethyl-dimethyl-2-ethylhexyloxy-silyloxy-2-ethylhexyloxy.pdf>

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