

Silane, methylvinyl(2-ethylhexyloxy)(methylvinyl(2-ethylhexyloxy)silyloxy)silane

Inchi: InChI=1S/C22H46O3Si2/c1-9-15-17-21(11-3)19-23-26(7,13-5)25-27(8,14-6)24-20-22(12-4)
InchiKey: BGQNVPOGIDMVOB-UHFFFAOYSA-N
Formula: C22H46O3Si2
SMILES: C=C[Si](C)(OCC(CC)CCCC)O[Si](C)(C=C)OCC(CC)CCCC
Mol. weight [g/mol]: 414.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.96		Crippen Method
logp	7.063		Crippen Method
rinpol	1383.00		NIST Webbook
rinpol	1383.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416262&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/123-476-7/Silane-methylvinyl-2-ethylhexyloxy-methylvinyl-2-ethylhexyloxy-silyloxy.pdf>

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