

Silane, methylvinyl(2,4,4-trimethylpentyloxy)(methylvinyl

Inchi: InChI=1S/C18H38O3Si2/c1-10-13-14-19-22(8,11-2)21-23(9,12-3)20-16-17(4)15-18(5,6)7
InchiKey: FAFUTKMWVMERNN-UHFFFAOYSA-N
Formula: C18H38O3Si2
SMILES: C=C[Si](C)(OCCCC)O[Si](C)(C=C)OCC(C)CC(C)(C)C
Mol. weight [g/mol]: 358.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.28		Crippen Method
logp	5.503		Crippen Method
rinpol	1702.00		NIST Webbook
rinpol	1702.00		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=U416589&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/115-911-2/Silane-methylvinyl-2-4-4-trimethylpentyloxy-methylvinylbutoxysilyloxy.pdf>

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