

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

Inchi: InChI=1S/C17H36O3Si2/c1-10-13-18-21(8,11-2)20-22(9,12-3)19-15-16(4)14-17(5,6)7/h1
InchiKey: KFHZGBVTHGCPTF-UHFFFAOYSA-N
Formula: C17H36O3Si2
SMILES: C=C[Si](C)(OCCC)O[Si](C)(C=C)OCC(C)CC(C)(C)C
Mol. weight [g/mol]: 344.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.86		Crippen Method
logp	5.113		Crippen Method
rinpol	1618.00		NIST Webbook
rinpol	1618.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416588&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/115-910-3/Silane-methylvinyl-2-4-4-trimethylpentyloxy-methylvinylpropoxysilyloxy.pdf>

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