

Silane, methylvinyl(2,4-dimethylpent-3-yloxy)heptyloxy-

Inchi: InChI=1S/C17H36O2Si/c1-8-10-11-12-13-14-18-20(7,9-2)19-17(15(3)4)16(5)6/h9,15-17H
InchiKey: ZAWNZSWLIMDQBS-UHFFFAOYSA-N
Formula: C17H36O2Si
SMILES: C=C[Si](C)(OCCCCCCC)OC(C(C)C)C(C)C
Mol. weight [g/mol]: 300.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.32		Crippen Method
logp	5.468		Crippen Method
rinpol	1618.00		NIST Webbook
rinpol	1618.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416911&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/121-486-8/Silane-methylvinyl-2-4-dimethylpent-3-yloxy-heptyloxy.pdf>

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