

Silane, methylvinyl(heptyloxy)(methylvinylpropoxysilyloxy)

Inchi: InChI=1S/C16H34O3Si2/c1-7-11-12-13-14-16-18-21(6,10-4)19-20(5,9-3)17-15-8-2/h9-10
InchiKey: FOYCQQQEILLJOG-UHFFFAOYSA-N
Formula: C16H34O3Si2
SMILES: C=C[Si](C)(OCCC)O[Si](C)(C=C)OCCCCCCC
Mol. weight [g/mol]: 330.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.93		Crippen Method
logp	5.011		Crippen Method
rinpol	1594.00		NIST Webbook
rinpol	1594.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416873&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

Latest version available from:

<https://www.cheméo.com/cid/120-011-5/Silane-methylvinyl-heptyloxy-methylvinylpropoxysilyloxy.pdf>

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