

Silane, methylvinyl(pent-2-yloxy)(methylvinyloctyloxysilyloxy)

Inchi: InChI=1S/C19H40O3Si2/c1-8-12-13-14-15-16-18-20-23(6,10-3)22-24(7,11-4)21-19(5)17-2
InchiKey: DQWOFZGXICYCNPM-UHFFFAOYSA-N
Formula: C19H40O3Si2
SMILES: C=C[Si](C)(OCCCCCCCC)O[Si](C)(C=C)OC(C)CCC
Mol. weight [g/mol]: 372.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.30		Crippen Method
logp	6.180		Crippen Method
rinpol	1482.00		NIST Webbook
rinpol	1482.00		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=U416304&Units=SI>

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.chemeo.com/cid/117-766-2/Silane-methylvinyl-pent-2-yloxy-methylvinyloctyloxysilyloxy.pdf>

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