

Silane, methylvinyl(pentyloxy)(methylvinyloctyloxysilyloxy)

Inchi: InChI=1S/C19H40O3Si2/c1-7-11-13-14-15-17-19-21-24(6,10-4)22-23(5,9-3)20-18-16-12
InchiKey: GIYAJYNQDKAJFN-UHFFFAOYSA-N
Formula: C19H40O3Si2
SMILES: C=C[Si](C)(OCCCC)O[Si](C)(C=C)OCCCCCCCC
Mol. weight [g/mol]: 372.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.19		Crippen Method
logp	6.181		Crippen Method
rinpol	1942.00		NIST Webbook
rinpol	1942.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416363&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/121-402-0/Silane-methylvinyl-pentyloxy-methylvinyloctyloxysilyloxy.pdf>

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