

Silane, methylvinyl(oct-4-yloxy)(methylvinylhexyloxysilyl)

Inchi: InChI=1S/C20H42O3Si2/c1-8-13-15-16-19-21-24(6,11-4)23-25(7,12-5)22-20(17-10-3)18
InchiKey: LJOWWSUPAJKINL-UHFFFAOYSA-N
Formula: C20H42O3Si2
SMILES: C=C[Si](C)(OCCCCC)O[Si](C)(C=C)OC(CCC)CCCC
Mol. weight [g/mol]: 386.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.72		Crippen Method
logp	6.570		Crippen Method
rinpol	1833.00		NIST Webbook
rinpol	1833.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416848&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/113-428-1/Silane-methylvinyl-oct-4-yloxy-methylvinylhexyloxysilyloxy.pdf>

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