

Silane, methylvinyl(dodecyloxy)(methylvinylethoxysilyloxy)

Inchi: InChI=1S/C20H42O3Si2/c1-7-11-12-13-14-15-16-17-18-19-20-22-25(6,10-4)23-24(5,9-3)
InchiKey: DYWDMWKNOURFJE-UHFFFAOYSA-N
Formula: C20H42O3Si2
SMILES: C=C[Si](C)(OCC)O[Si](C)(C=C)OCCCCCCCCCCCCC
Mol. weight [g/mol]: 386.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.60		Crippen Method
logp	6.571		Crippen Method
rinpol	1988.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416888&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/123-539-7/Silane-methylvinyl-dodecyloxy-methylvinylethoxysilyloxy.pdf>

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