

Silane, methylvinyl(2-ethylhexyloxy)hexadecyloxy-

Inchi: InChI=1S/C27H56O2Si/c1-6-10-12-13-14-15-16-17-18-19-20-21-22-23-25-28-30(5,9-4)2
InchiKey: JAGBGVJYPTVUKF-UHFFFAOYSA-N
Formula: C27H56O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCCCCC)OCC(CC)CCCC
Mol. weight [g/mol]: 440.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.63		Crippen Method
logp	9.514		Crippen Method
rinpol	1756.00		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=U416387&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/86-415-6/Silane-methylvinyl-2-ethylhexyloxy-hexadecyloxy.pdf>

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