

Silane, methylvinyl(oct-2-yloxy)hexadecyloxy-

Inchi: InChI=1S/C27H56O2Si/c1-6-9-11-13-14-15-16-17-18-19-20-21-22-24-26-28-30(5,8-3)29
InchiKey: YUQBCIPHCQWYDX-UHFFFAOYSA-N
Formula: C27H56O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCCCCC)OC(C)CCCCC
Mol. weight [g/mol]: 440.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.98		Crippen Method
logp	9.657		Crippen Method
rinpol	2693.00		NIST Webbook
rinpol	2693.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416337&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/86-416-5/Silane-methylvinyl-oct-2-yloxy-hexadecyloxy.pdf>

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