

Silane, methylvinyl(dodecyloxy)(methylvinylpropoxysilyl

Inchi: InChI=1S/C21H44O3Si2/c1-7-11-12-13-14-15-16-17-18-19-21-23-26(6,10-4)24-25(5,9-3)
InchiKey: CUWYZIOLFWBHKJ-UHFFFAOYSA-N
Formula: C21H44O3Si2
SMILES: C=C[Si](C)(OCCC)O[Si](C)(C=C)OCCCCCCCCCCCC
Mol. weight [g/mol]: 400.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.02		Crippen Method
logp	6.961		Crippen Method
rinpol	2062.00		NIST Webbook
rinpol	2062.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416889&Units=SI>

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/123-538-8/Silane-methylvinyl-dodecyloxy-methylvinylpropoxysilyloxy.pdf>

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