

Silane, methylvinyl(2,4-dimethylpent-3-yloxy)dodecyloxy

Inchi: InChI=1S/C22H46O2Si/c1-8-10-11-12-13-14-15-16-17-18-19-23-25(7,9-2)24-22(20(3)4)2
InchiKey: UUMMSOIXDFQZEH-UHFFFAOYSA-N
Formula: C22H46O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCC)OC(C(C)C)C(C)C
Mol. weight [g/mol]: 370.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.41		Crippen Method
logp	7.418		Crippen Method
rinpol	2105.00		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=U416915&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/95-922-3/Silane-methylvinyl-2-4-dimethylpent-3-yloxy-dodecyloxy.pdf>

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