

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

Inchi: InChI=1S/C21H44O2Si/c1-8-10-11-12-13-14-15-16-17-18-22-24(7,9-2)23-21(19(3)4)20(5)
InchiKey: CQLGDMMXRQJSRB-UHFFFAOYSA-N
Formula: C₂₁H₄₄O₂Si
SMILES: C=C[Si](C)(OCCCCCCCCCCC)OC(C(C)C)C(C)C
Mol. weight [g/mol]: 356.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.99		Crippen Method
logp	7.028		Crippen Method
rinpol	2005.00		NIST Webbook
rinpol	2005.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416914&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/84-642-6/Silane-methylvinyl-2-4-dimethylpent-3-yloxy-undecyloxy.pdf>

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