

Silane, methylvinyl(pent-2-yloxy)tridecyloxy-

Inchi: InChI=1S/C21H44O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-20-22-24(5,8-3)23-21(4)19-7
InchiKey: MPXRAYYLRFMNJI-UHFFFAOYSA-N
Formula: C₂₁H₄₄O₂Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCC)OC(C)CCC
Mol. weight [g/mol]: 356.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.47		Crippen Method
logp	7.316		Crippen Method
rinpol	2158.00		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=U416290&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

Latest version available from:

<https://www.chemeo.com/cid/96-212-0/Silane-methylvinyl-pent-2-yloxy-tridecyloxy.pdf>

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