

Silane, methylvinyl(2,4,4-trimethylpentyloxy)decyloxy-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.88		Crippen Method
logp	7.030		Crippen Method
rinpol	2046.00		NIST Webbook
rinpol	2046.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416579&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/96-201-2/Silane-methylvinyl-2-4-4-trimethylpentyloxy-decyloxy.pdf>

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