

Silane, dimethyl(dimethyl(dodec-2-enyloxy)silyloxy)pentyl

Inchi: InChI=1S/C21H46O3Si2/c1-7-9-11-12-13-14-15-16-17-19-21-23-26(5,6)24-25(3,4)22-20
InchiKey: MQXIAFCKRZEXOR-HTXNQAPBSA-N
Formula: C21H46O3Si2
SMILES: CCCCCCCCC=CCO[Si](C)(C)O[Si](C)(C)OCCCCC
Mol. weight [g/mol]: 402.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.99		Crippen Method
logp	7.327		Crippen Method
rinpol	2094.00		NIST Webbook
rinpol	2094.00		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=U348073&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/120-131-2/Silane-dimethyl-dimethyl-dodec-2-enyloxy-silyloxy-pentyl.pdf>

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