

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

Inchi: InChI=1S/C20H44O3Si2/c1-7-9-11-12-13-14-15-16-18-20-22-25(5,6)23-24(3,4)21-19-17
InchiKey: AACKBNQHVFSOT-FBMGVBCBSA-N
Formula: C20H44O3Si2
SMILES: CCCCCCCC=CCO[Si](C)(C)O[Si](C)(C)OCCCCC
Mol. weight [g/mol]: 388.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.58		Crippen Method
logp	6.937		Crippen Method
rinpol	2006.00		NIST Webbook
rinpol	2006.00		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=U347949&Units=SI>

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/21-214-0/Silane-dimethyl-dimethyl-undec-2-enyloxy-silyloxy-pentyloxy.pdf>

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