

Silane, dimethyl(oct-3-en-2-yloxy)decyloxy-

Inchi: InChI=1S/C20H42O2Si/c1-6-8-10-12-13-14-15-17-19-21-23(4,5)22-20(3)18-16-11-9-7-2/
InchiKey: MREGKZDJLDNVOU-FBMGVBCBSA-N
Formula: C20H42O2Si
SMILES: CCCCC=CC(C)O[Si](C)(C)OCCCCCCCCC
Mol. weight [g/mol]: 342.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.97		Crippen Method
logp	6.997		Crippen Method
rinpol	1952.00		NIST Webbook
rinpol	1952.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347934&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/95-710-8/Silane-dimethyl-oct-3-en-2-yloxy-decyloxy.pdf>

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