

Silane, dimethyl(3-methylbut-2-enyloxy)tridecyloxy-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.86		Crippen Method
logp	6.999		Crippen Method
rinpol	2068.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347972&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.cheméo.com/cid/46-114-4/Silane-dimethyl-3-methylbut-2-enyloxy-tridecyloxy.pdf>

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