

Silane, trimethyl[[5-methyl-2-(1-methylethenyl)-4-hexenyl

Other names:	(. +/-)-Lavandulol, trimethylsilyl ether [(2-Isopropenyl-5-methyl-4-hexenyl)oxy](trimethyl)silane Lavandulol, tms derivative
Inchi:	InChI=1S/C13H26OSi/c1-11(2)8-9-13(12(3)4)10-14-15(5,6)7/h8,13H,3,9-10H2,1-2,4-7H3
InchiKey:	NGFKFXGBSQBUP-T-UHFFFAOYSA-N
Formula:	C13H26OSi
SMILES:	C=C(C)C(CC=C(C)C)CO[Si](C)(C)C
Mol. weight [g/mol]:	226.43
CAS:	74498-96-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.87		Crippen Method
logp	4.386		Crippen Method
rinpol	1234.30		NIST Webbook
rinpol	1234.30		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C74498967&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/90-809-4/Silane-trimethyl-5-methyl-2-1-methylethenyl-4-hexenyl-oxy.pdf>

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