

Silane, trimethyl[(1-methylnonyl)oxy]-

Other names:	2-(Trimethylsiloxy)decane 2-Decanol, trimethylsilyl ether 2-Decanol, tms derivative
Inchi:	InChI=1S/C13H30OSi/c1-6-7-8-9-10-11-12-13(2)14-15(3,4)5/h13H,6-12H2,1-5H3
InchiKey:	HKRSOTBYCJMFTJ-UHFFFAOYSA-N
Formula:	C13H30OSi
SMILES:	CCCCCCCCC(C)O[Si](C)(C)C
Mol. weight [g/mol]:	230.46
CAS:	53690-77-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.51		Crippen Method
logp	4.977		Crippen Method
rinpol	1296.60		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C53690770&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/83-148-6/Silane-trimethyl-1-methylnonyl-oxy.pdf>

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