

Silane, (1,1-dimethylpropoxy)trimethyl-

Other names:	2-Methyl-3-pentanol, trimethylsilyl ether 2-Methyl-2-butanol, tms derivative
Inchi:	InChI=1S/C8H20OSi/c1-7-8(2,3)9-10(4,5)6/h7H2,1-6H3
InchiKey:	FAOKBCUOLAZFHY-UHFFFAOYSA-N
Formula:	C8H20OSi
SMILES:	CCC(C)(C)O[Si](C)(C)C
Mol. weight [g/mol]:	160.33
CAS:	6689-16-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.42		Crippen Method
logp	3.026		Crippen Method
rinpol	806.80		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=C6689163&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/50-600-9/Silane-1-1-dimethylpropoxy-trimethyl.pdf>

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