

4-Penten-2-ol, trimethylsilyl ether

Other names:	Trimethyl[(1-methylbut-3-en-1-yl)oxy]silane 4-Penten-2-ol, tms derivative
Inchi:	InChI=1S/C8H18OSi/c1-6-7-8(2)9-10(3,4)5/h6,8H,1,7H2,2-5H3
InchiKey:	FEKDDBYWIMYNGO-UHFFFAOYSA-N
Formula:	C8H18OSi
SMILES:	C=CCC(C)O[Si](C)(C)C
Mol. weight [g/mol]:	158.31

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.27		Crippen Method
logp	2.803		Crippen Method
rinpol	820.80		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333089&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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/38-987-5/4-Penten-2-ol-trimethylsilyl-ether.pdf>

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