

2-Methyl-3-pentanol, trimethylsilyl ether

Other names:	2-Methyl-3-pentanol, tms derivative
Inchi:	InChI=1S/C9H22OSi/c1-7-9(8(2)3)10-11(4,5)6/h8-9H,7H2,1-6H3
InchiKey:	OALCUI SZMBCYMO-UHFFFAOYSA-N
Formula:	C9H22OSi
SMILES:	CCC(O[Si](C)(C)C)C(C)C
Mol. weight [g/mol]:	174.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.60		Crippen Method
logp	3.272		Crippen Method
rinsol	900.20		NIST Webbook
rinsol	917.50		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352366&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinsol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/16-348-8/2-Methyl-3-pentanol-trimethylsilyl-ether.pdf>

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