

(.+/-.)-3-Methyl-2-oxovaleric acid, trimethylsilyl ester

Other names:	3-Methyl-2-oxovaleric acid, tms derivative
Inchi:	InChI=1S/C9H18O3Si/c1-6-7(2)8(10)9(11)12-13(3,4)5/h7H,6H2,1-5H3
InchiKey:	FNUQJVOVBDOXMM-UHFFFAOYSA-N
Formula:	C9H18O3Si
SMILES:	CCC(C)C(=O)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	202.32

Physical Properties

Property code	Value	Unit	Source
log10ws	0.46		Crippen Method
logp	1.980		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332856&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/98-860-9/3-Methyl-2-oxovaleric-acid-trimethylsilyl-ester.pdf>

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