

Butanoic acid, 2-methyl-2-[(trimethylsilyl)oxy]-, trimethylsilyl ester

Other names:	2-Methyl-2-trimethylsiloxy(trimethylsilyl)butyrate 2-Hydroxy-2-methylbutyric acid, 2tms derivative
Inchi:	InChI=1S/C11H26O3Si2/c1-9-11(2,14-16(6,7)8)10(12)13-15(3,4)5/h9H2,1-8H3
InchiKey:	PQXMCGRVSCUUKA-UHFFFAOYSA-N
Formula:	C11H26O3Si2
SMILES:	CCC(C)(O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	262.49
CAS:	55557-18-1

Physical Properties

Property code	Value	Unit	Source
log10ws	1.41		Crippen Method
logp	3.385		Crippen Method
rinpol	1170.00		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C55557181&Units=SI

Legend

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

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