

# Butanoic acid, 2-methyl-3-[(trimethylsilyl)oxy]-, trimethylsilyl ester

Other names:	2-Methyl-3-trimethylsiloxy(trimethylsilyl)butyrate 2-Methyl-3-trimethylsilyloxybutyric acid,trimethylsilyl ester 2-Methyl-3-hydroxybutyric acid, di-TMS
Inchi:	InChI=1S/C11H26O3Si2/c1-9(10(2)13-15(3,4)5)11(12)14-16(6,7)8/h9-10H,1-8H3
InchiKey:	REMFHAMFOOTXSI-UHFFFAOYSA-N
Formula:	C11H26O3Si2
SMILES:	CC(O[Si](C)(C)C)C(C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	262.49
CAS:	55557-17-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.65		Crippen Method
logp	3.241		Crippen Method
rinpol	1210.00		NIST Webbook
rinpol	1202.00		NIST Webbook
rinpol	1207.00		NIST Webbook
rinpol	1209.00		NIST Webbook
rinpol	1200.00		NIST Webbook
rinpol	1209.00		NIST Webbook
rinpol	1214.00		NIST Webbook
rinpol	1205.00		NIST Webbook
rinpol	1205.00		NIST Webbook

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C55557170&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55557170&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

# Legend

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

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