

# Butanedioic acid, methyl-, bis(trimethylsilyl) ester

<b>Other names:</b>	2-Methylsuccinic acid, di(trimethylsilyl) ester Methyl succinic acid, bis-TMS Methylsuccinic acid, bis(trimethylsilyl) ester Methylsuccinic acid, diTMS Methylsuccinic acid, bis-TMS ester Butanedioic acid, 2-methyl-, 1,4-bis(trimethylsilyl) ester Methyl succinic acid, TMS Bis(trimethylsilyl) 2-methylsuccinate Methylsuccinic acid, 2tms derivative
<b>Inchi:</b>	InChI=1S/C11H24O4Si2/c1-9(11(13)15-17(5,6)7)8-10(12)14-16(2,3)4/h9H,8H2,1-7H3
<b>InchiKey:</b>	OAMWTEBQZKRCMA-UHFFFAOYSA-N
<b>Formula:</b>	C11H24O4Si2
<b>SMILES:</b>	CC(CC(=O)O[Si](C)(C)C)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	276.48
<b>CAS:</b>	55557-26-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.99		Crippen Method
logp	2.769		Crippen Method
rinpol	1321.60		NIST Webbook
rinpol	1322.00		NIST Webbook
rinpol	1333.00		NIST Webbook
rinpol	1322.00		NIST Webbook
rinpol	1325.00		NIST Webbook
rinpol	1328.00		NIST Webbook
rinpol	1323.00		NIST Webbook
rinpol	1325.00		NIST Webbook
rinpol	1333.00		NIST Webbook
rinpol	1341.00		NIST Webbook
rinpol	1336.00		NIST Webbook
rinpol	1307.00		NIST Webbook

# Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C55557261&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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

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