

# Propanedioic acid, dimethyl-, bis(tert-butyldimethylsilyl) ester

Other names:	Dimethylmalonic acid, TBDMS
Inchi:	InChI=1S/C17H36O4Si2/c1-15(2,3)22(9,10)20-13(18)17(7,8)14(19)21-23(11,12)16(4,5)6
InchiKey:	ZBYZHGVYKOKRAB-UHFFFAOYSA-N
Formula:	C17H36O4Si2
SMILES:	CC(C)(C(=O)O[Si](C)(C)C(C)(C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	360.64
CAS:	98830-31-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.52		Crippen Method
logp	5.109		Crippen Method
rinpol	1662.00		NIST Webbook
rinpol	1662.00		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=C98830310&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C98830310&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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