

meso-Butanedioic acid, 2,3-dimethyl-, bis(trimethylsilyl) ester

Inchi:	InChI=1S/C12H26O4Si2/c1-9(11(13)15-17(3,4)5)10(2)12(14)16-18(6,7)8/h9-10H,1-8H3
InchiKey:	LBUHCVHPJFFRSD-UHFFFAOYSA-N
Formula:	C12H26O4Si2
SMILES:	CC(C(=O)O[Si](C)(C)C)C(C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	290.50

Physical Properties

Property code	Value	Unit	Source
log10ws	1.81		Crippen Method
logp	3.015		Crippen Method
rinpol	1360.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R487715&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

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<https://www.chemeo.com/cid/56-717-4/meso-Butanedioic-acid-2-3-dimethyl-bis-trimethylsilyl-ester.pdf>

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