

Propanedioic acid, ethyl-, bis(trimethylsilyl) ester

Other names:	Ethylmalonic acid, bis(trimethylsilyl) ester Ethylmalonic acid, di(trimethylsilyl) ester Ethylmalonate, (2TMS) Ethylmalonic acid, diTMS Propanedioic acid, ethyl, bis-TMS Ethylmalonic acid, TMS Ethylmalonate, TMS Ethylmalonic acid, 2tms derivative
Inchi:	InChI=1S/C11H24O4Si2/c1-8-9(10(12)14-16(2,3)4)11(13)15-17(5,6)7/h9H,8H2,1-7H3
InchiKey:	NGCCUIISFUEMFA-UHFFFAOYSA-N
Formula:	C11H24O4Si2
SMILES:	CCC(C(=O)O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	276.48
CAS:	55557-24-9

Physical Properties

Property code	Value	Unit	Source
log10ws	1.99		Crippen Method
logp	2.769		Crippen Method
rinpol	1283.00		NIST Webbook
rinpol	1280.00		NIST Webbook
rinpol	1286.00		NIST Webbook
rinpol	1278.00		NIST Webbook
rinpol	1289.00		NIST Webbook
rinpol	1275.00		NIST Webbook
rinpol	1284.00		NIST Webbook
rinpol	1278.00		NIST Webbook
rinpol	1277.00		NIST Webbook
rinpol	1278.00		NIST Webbook
rinpol	1289.00		NIST Webbook
rinpol	1286.00		NIST Webbook
rinpol	1278.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C55557249&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: 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

Latest version available from:

<https://www.chemeo.com/cid/40-413-8/Propanedioic-acid-ethyl-bis-trimethylsilyl-ester.pdf>

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