

Propanedioic acid, dimethyl-, bis(trimethylsilyl) ester

Other names:	Dimethylmalonic acid, bis(trimethylsilyl) ester
Inchi:	InChI=1S/C11H24O4Si2/c1-11(2,9(12)14-16(3,4)5)10(13)15-17(6,7)8/h1-8H3
InchiKey:	SNTAPGVTBRLGHJ-UHFFFAOYSA-N
Formula:	C11H24O4Si2
SMILES:	CC(C)(C(=O)O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	276.48
CAS:	55557-23-8

Physical Properties

Property code	Value	Unit	Source
log10ws	1.99		Crippen Method
logp	2.769		Crippen Method
rinpola	1192.00		NIST Webbook
rinpola	1192.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C55557238&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
rinpola:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/116-912-0/Propanedioic-acid-dimethyl-bis-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-05-03 21:04:06.754376384 +0000 UTC m=+17059495.674953695.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.