Certificate of Analysis

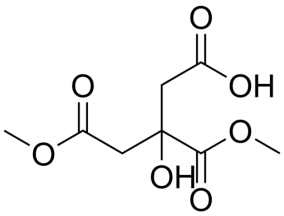
Dimethyl Citric acid

Cat. No.:	HY-N9542
CAS No.:	53798-97-3
Batch No.:	178518
Chemical Name:	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, 1,2-dimethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_8H_{12}O_7$		
Molecular Weight:	**220.18**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	**≥97.0%**
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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