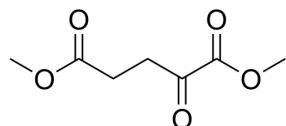


Certificate of Analysis

Product Name:	Dimethyl 2-oxoglutarate
Cat. No.:	CS-0103277
CAS No.:	13192-04-6
Batch No.:	L661786
Chemical Name:	Pentanedioic acid, 2-oxo-, 1,5-dimethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₇ H ₁₀ O ₅
Molecular Weight:	174.15
Storage:	Storage temp. 2-8°C
Chemical Structure:	



ANALYTICAL DATA

Appearance:	Colorless to light yellow (Liquid)
¹H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (GC):	96.43%
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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