



CERTIFICATE OF ANALYSIS

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1. Identification

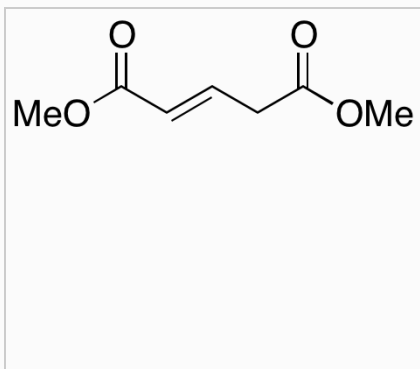
Catalogue Number: D473070

CAS Number: 5164-76-1

Product: Dimethyl Glutaconate (~10% Cis)

Synonym: NSC 30046; Dimethyl 2-Pentene-1,5-dioate; Dimethyl 2-Pentenedioate; Glutaconic Acid Dimethyl Ester; 2-Pentenedioic Acid Dimethyl Ester; 2-Pentenedioic Acid 1,5-Dimethyl Ester

Structure:



Molecular Formula:

C₇H₁₀O₄

Molecular weight:

158.15

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2-LJC-34-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
GC	>95%	98.31%

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton	Toni Rantanen	My Nguyen	12/8/2020	12/6/2027
				