



CERTIFICATE OF ANALYSIS

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1. Identification

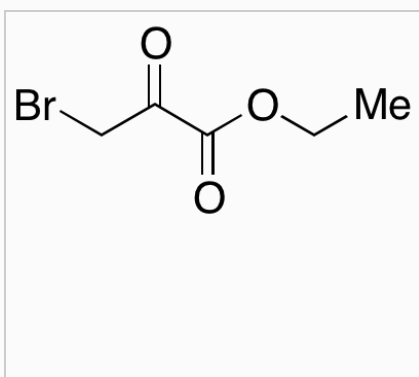
Catalogue Number: E900540

CAS Number: 70-23-5

Product: Ethyl 3-Bromopyruvate (>80%)

Synonym: 3-Bromo-2-(oxo)propionic Acid Ethyl Ester; 3-Bromo-2-oxopropanoic Acid Ethyl Ester; 3-Bromopyruvic Acid Ethyl Ester; Bromopyruvic Acid Ethyl Ester; Ethyl 3-Bromo-2-oxopropionate; Ethyl 3-Bromo-2-oxopropionate; Ethyl 3-Bromopyruvate; Ethyl Bromopyruvate; Ethyl α -Bromopyruvate; NSC 62182; β -Bromopyruvic Acid Ethyl Ester

Structure:



Molecular Formula:

C₅H₇BrO₃

Molecular weight:

195.01

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Sparingly)

Lot Number: 711849391-1-2

Purity: >80%

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 to Light Yellow Oil	Clear Colourless to Pale Yellow Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 30.84, %H: 3.77
GC Purity	Report Result	84.40%
MS	Conforms to Structure	Conforms

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
swathi reddy	Toni Rantanen	Christina Gouliaras	7/31/2023	7/29/2027