



CERTIFICATE OF ANALYSIS

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1. Identification

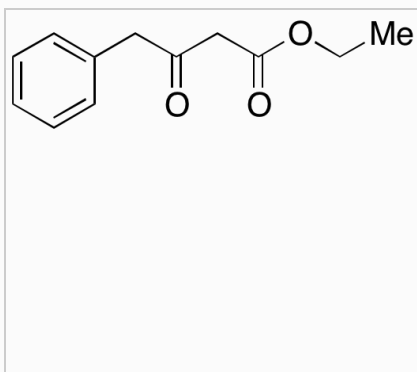
Catalogue Number: E925845

CAS Number: 718-08-1

Synonym: β -oxo-Benzenebutanoic acid ethyl ester; 4-Phenyl-acetoacetic acid ethyl ester; 3-Oxo-4-phenylbutanoic acid ethyl ester; 4-Phenyl-3-oxobutanoic acid ethyl ester; 4-Phenylacetoacetic acid ethyl ester; Ethyl 3-keto-4-phenylbutyrate; Ethyl 3-Oxo-4-phenylbutanoate; Ethyl 3-oxo-4-phenylbutyrate; Ethyl 3-Oxobenzenebutanoate; Ethyl 4-phenyl-3-oxobutanoate; Ethyl β -Oxobenzenebutanoate; NSC 15691

Product: Ethyl 4-Phenylacetoacetate

Structure:



Molecular Formula:

C₁₂H₁₄O₃

Molecular weight:

206.24

Source of Product:

N/A

Solubility:

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

Lot Number: 711885254-2-1

Purity: 95%

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 Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 70.18, %H: 6.98
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
Henry Tieu	Toni Rantanen	Chanell Chu	10/17/2023	10/15/2027
				