



CERTIFICATE OF ANALYSIS

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1. Identification

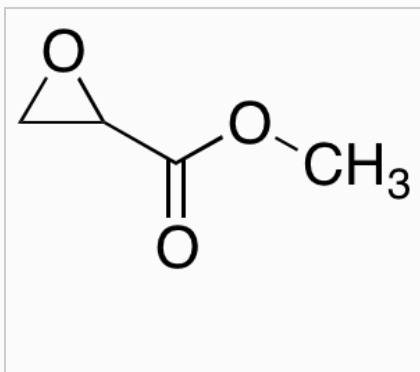
Catalogue Number: M324560

CAS Number: 4538-50-5

Product: Methyl Oxirane-2-carboxylate

Synonym: Methyl Oxiranecarboxylate; Methyl 2,3-Epoxypropanoate; Methyl 2,3-Epoxypropionate; Methyl Glycidate; Methyl Oxiran-2-carboxylate; Methyl Oxiranecarboxylic Acid Ester; Methyl Glycidic Acid Ester;

Structure:



Molecular Formula:

C₄H₆O₃

Molecular weight:

102.09

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2-ASA-177-1

Purity: 97%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Appearance

NMR

MS

HPLC Purity

Specifications:

White to Off-White Solid

Conforms to Structure

Conforms to Structure

Report Result

Results:

White to Off-White Solid

Conforms

Conforms

97.02% (215 nm)

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

Meenakshi Sharma

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

11/12/2021

Retest Date

11/10/2025