

1. Identification

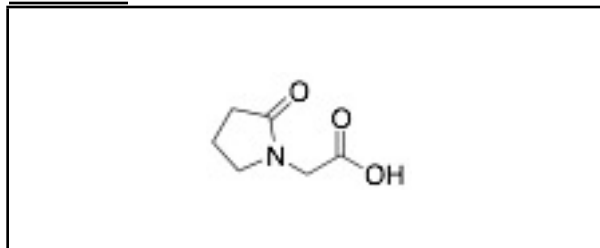
Catalogue Number

O859610

Lot Number

712171595-1-1

Structure



Product Name

(2-Oxopyrrolidin-1-yl)acetic Acid

Synonyms

(2-Oxopyrrolidin-1-yl)acetic Acid; 2-Oxo-1-pyrrolidineacetic Acid; 2-Pyrrolidinon-1-ylacetic Acid; 2-Pyrrolidinoneacetic Acid;

CAS Number

53934-76-2

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆H₉NO₃

Source of Product

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

143.14

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information


<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Brown Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 50.66, %H: 6.61, %N: 9.80
HPLC Purity	>95%	99.88% (200 nm)
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 ± 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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			2/21/2025	2/19/2029
Vijaya Annapareddy	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		