

1. Identification

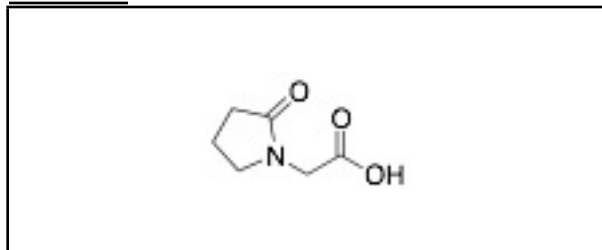
Catalogue Number

O859610

Lot Number

711998860-2-1

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

Tests

Appearance

Specifications

White to Pale Brown Solid

Results

Off-White to Pale Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 50.14, %H: 6.43, %N: 9.60

HPLC Purity

>95%

99.76% (205 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 $\pm 2\%$. 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



Nicole Yip

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

5/30/2024

Retest Date

5/28/2028