

## 1. Identification

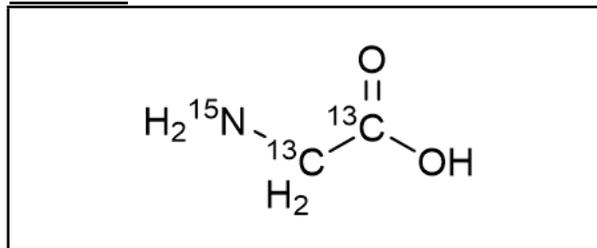
Catalogue Number

G615993

Lot Number

712210187-1-1

Structure



Product Name

Glycine-13C2,15N

Synonyms

2-Aminoacetic Acid-13C2,15N; Aciport-13C2,15N; Aminoethanoic Acid-13C2,15N; Glicoamin-13C2,15N; Glycocol-13C2,15N; Glycolixir-13C2,15N; Glycosthene-13C2,15N; Gyn-Hydralin-13C2,15N; NSC 25936; NSC 2916-13C2,15N; NSC 54188-13C2,15N; Padil-13C2,15N;

CAS Number

211057-02-2

Solubility

Aqueous Acid (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

<sup>13</sup>C<sub>2</sub>H<sub>5</sub><sup>15</sup>NO<sub>2</sub>

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

78.05

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 30.92, %H: 6.32, %N: 18.04

HPLC Purity

>95%

98.59% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.6%

Additional Information

Normalized Intensity: <sup>13</sup>C<sub>0</sub> = 0.00%, <sup>13</sup>C<sub>1</sub> = 0.08%, <sup>13</sup>C<sub>2</sub> = 0.94%, <sup>13</sup>C<sub>3</sub> = 98.98%

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

Reviewed by

Farnaz Mahmoudi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

5/5/2025

Retest Date

5/3/2029