

1. Identification

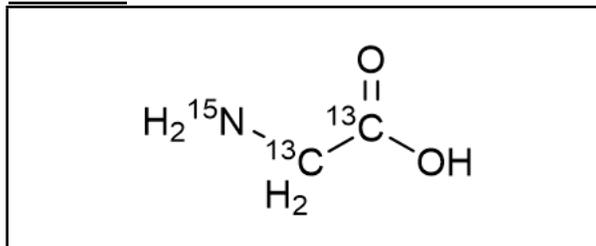
Catalogue Number

G615993

Lot Number

2024-TCO-084

Structure



Product Name

Glycine-13C2,15N

Synonyms

2-Aminoacetic Acid-13C2,15N; Aciport-13C2,15N; Aminoethanoic Acid-13C2,15N; Glicoamin-13C2,15N; Glycocoll-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

¹³C₂H₅¹⁵NO₂

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: 6.35, %N: 18.15

HPLC Purity

>95%

99.87% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.3%

Additional Information

Normalized Intensity: ¹³C₀ = 0.04%, ¹³C₁ = 0.45%, ¹³C₂ = 1.21%, ¹³C₃ = 98.30%

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

A. Vijaya

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Rami Dhanoa

Rami Dhanoa

Quality Assurance Associate

Test Date

11/13/2024

Retest Date

11/11/2028