

## 1. Identification

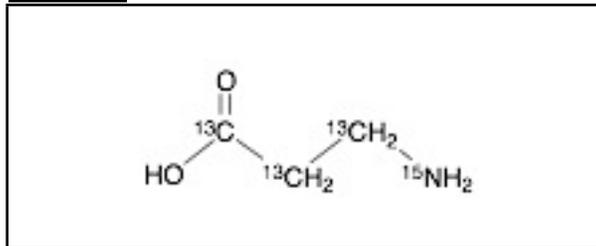
Catalogue Number

A637324

Lot Number

712025509-1-1

Structure



Product Name

b-Alanine-13C3,15N

Synonyms

β-Alanine-1,2,3-13C3-15N; β-Alanine-13C3-15N;

CAS Number

285978-07-6

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

<sup>13</sup>C<sub>3</sub>H<sub>7</sub><sup>15</sup>N<sub>2</sub>

Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

93.06

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: 38.76, %H: 7.14, %N: 14.95

HPLC Purity

>95%

99.99% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.8%

Additional Information

Normalized Intensity: d<sub>0</sub> = 0.22%, d<sub>1</sub> = 0.65%, d<sub>2</sub> = 0.00%, d<sub>3</sub> = 2.12%, d<sub>4</sub> = 97.01%

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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Quality Assurance Associate

Test Date

6/24/2024

Retest Date

6/22/2028