

## 1. Identification

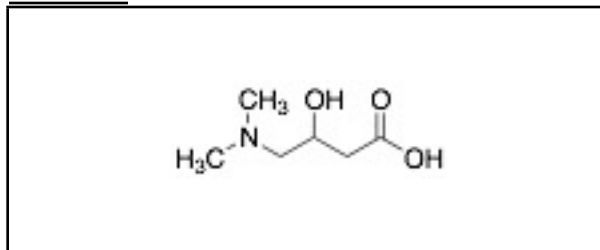
Catalogue Number

D462025

Lot Number

17-VKU-60-1

Structure



Product Name

4-(Dimethylamino)-3-hydroxybutanoic Acid

Synonyms

DL-Dimethylamino-3-hydroxybutyric Acid; DL-Norcarnitine; NSC 40237; Norcarnitine; (±)  
-4-(Dimethylamino)-3-hydroxybutyric Acid; (±)-4-(Dimethylamino)-3-hydroxybutanoic Acid;

CAS Number

542-06-3

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>6</sub>H<sub>13</sub>NO<sub>3</sub>

Source of Product

Synthetic

Long Term Storage Conditions

20°C

Molecular Weight

147.17

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

Off-White to Pale Beige Solid

Results

Off-White to Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 48.67, %H: 8.96, %N: 9.43

HPLC Purity

>95%

99.94% (ELSD)

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

Reviewed by

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Nicole Badiali

Quality Assurance Associate

Test Date

2/23/2026

Retest Date

2/21/2030