



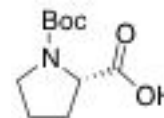
1. Identification

Catalogue Number

B664200

Lot Number

2025-TCO-052

StructureProduct Name

N-Boc-L-proline

Synonyms

(2S)-1,2-Pyrrolidinedicarboxylic acid, 1-(1,1-dimethylethyl) ester;

CAS Number

15761-39-4

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{10}H_{17}NO_4$ Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

215.25

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

Elemental Analysis

Conforms

%C: 55.90, %H: 7.88, %N: 6.47

HPLC Purity

>95%

97.89% (ELSD)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

-51.0° (c = 0.1, Methanol)

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

Swathi Reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

8/26/2025

Retest Date

8/24/2029