

## 1. Identification

Catalogue Number

B656800

Lot Number

1-TSS-77-1

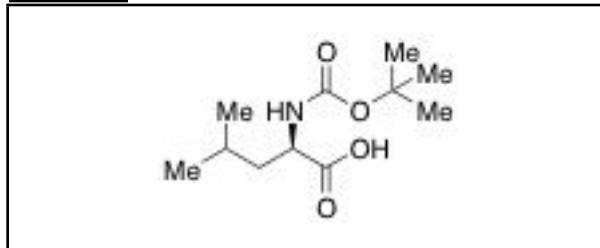
Product Name

N-Boc-D-leucine

Synonyms

N-[(1,1-Dimethylethoxy)carbonyl]-D-leucine; N-Carboxy-D-leucine N-tert-Butyl Ester; (R)-2-(tert-Butoxycarbonylamino)-4-methylpentanoic Acid; D-Boc Leucine; N-(tert-Butoxycarbonyl)-D-leucine; tert-Butoxycarbonyl-D-leucine

Structure



CAS Number

16937-99-8

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>11</sub>H<sub>21</sub>NO<sub>4</sub>

Source of Product

N/A

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

231.29

Purity

>95%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 52.93, %H: 9.01, %N: 5.62

HPLC Purity

>95%

99.63% (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  $\pm 2\%$ . 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



Vijaya Annapareddy

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

10/7/2024

Retest Date

10/5/2028