

1. Identification

Catalogue Number

A637183

Lot Number

712084729-1-3

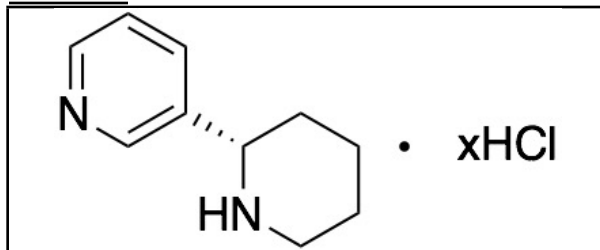
Product Name

Anabasine Hydrochloride

Synonyms

Anabasine Hydrochloride

Structure



CAS Number

15251-47-5

Solubility

DMSO (Sparingly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

$C_{10}H_{14}N_2 \cdot xHCl$

Source of Product

N/A

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

162.23 + x(36.46)

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Pale Beige Solid

Results

Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 47.46, %H: 6.98, %N: 10.97

HPLC Purity

>95%

99.62% (260 nm)

MS

Conforms to Structure

Conforms

Chloride Content

Report Result

28.5%

Specific Rotation

Report Result

+13.1° (c = 0.1, Water)

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

R. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Chanell Chu

Test Date

11/15/2024

Retest Date

11/13/2028

Swathi Reddy

Manager, Quality Assurance

Quality Assurance Associate

Product Quality Specialist

Quality Assurance Associate