

1. Identification

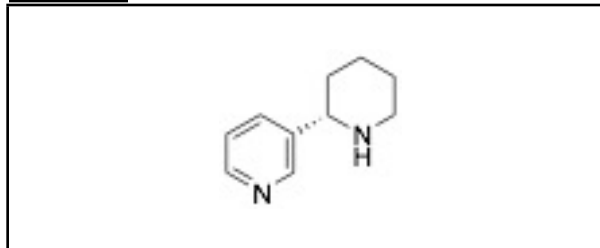
Catalogue Number

A637170

Lot Number

711912438-1-1

Structure



Product Name

(S)-Anabasine (>98%)

Synonyms

Anabasine; (S)-3-(2-Piperidinyl)pyridine; 3-(2S)-2-Piperidinylpyridine; (-)-2-(3'-Pyridyl)piperidine; (-)-Anabasine; (2S)-2-(Pyridin-3-yl)piperidine; (S)-(-)-Anabasine; (S)-Anabasine; Anabasin; NSC 87504; Neonicotine; Neonikotin

CAS Number

494-52-0

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀H₁₄N₂

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

162.23

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Orange Oil

Results

Clear Pale Yellow to Light Yellow Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 73.43, %H: 9.32, %N: 17.16

HPLC Purity

>95%

99.86% (205 nm)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

-68.6° (c = 0.3, Chloroform)

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



Meenakshi Sharma

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

12/12/2023

Retest Date

12/10/2027