



CERTIFICATE OF ANALYSIS

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1. Identification

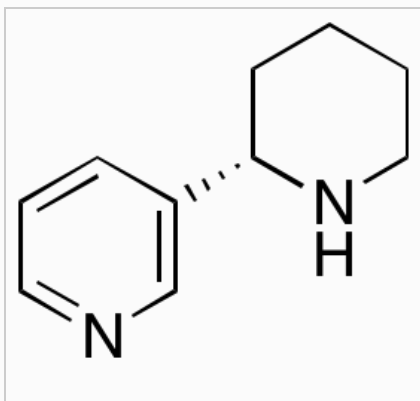
Catalogue Number: A637170

CAS Number: 494-52-0

Product: (S)-Anabasine, > 98% ee

Synonym: 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

Structure:



Molecular Formula:

C₁₀H₁₄N₂

Molecular weight:

162.23

Source of Product:

N/A

Solubility:

Chloroform (Slightly), DMSO (Slightly), Ethyl Acetate (Slightly), Methanol (Slig

Lot Number: 2023-QIU-084

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Orange Oil	Clear Light Yellow Oil
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.04% (260 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-67.5° (c = 0.3, Chloroform)
Elemental Analysis	Conforms	%C: 74.36, %H: 9.01, %N: 17.57

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	2/6/2023	2/4/2027

