



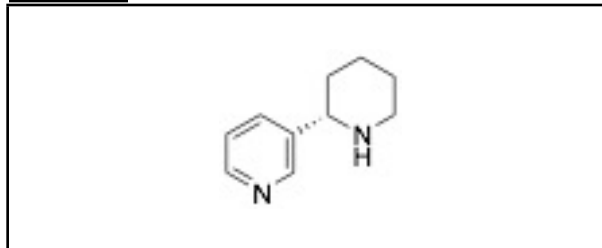
1. Identification

Catalogue Number

A637170

Lot Number

712066526-1-1

StructureProduct 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

Chloroform (Sparingly), DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{10}H_{14}N_2$ Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

162.23

Purity

99%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Colourless to Orange Oil	Light Orange to Orange Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 73.48, %H: 8.62, %N: 17.84
HPLC Purity	Report Result	99.34% (260 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-67.5° (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 $\pm 2\%$. 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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			9/5/2024	9/3/2028
Swathi Reddy	Toni Rantanen	Sadaf Samadi		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		