



CERTIFICATE OF ANALYSIS

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1. Identification

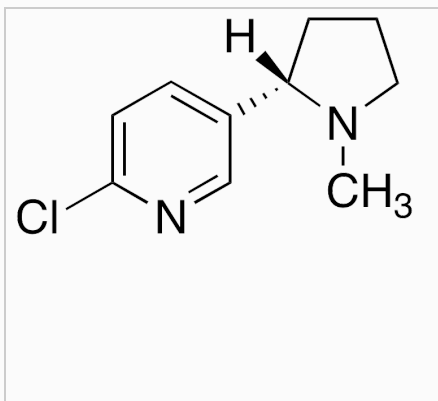
Catalogue Number: C369575

CAS Number: 112091-17-5

Product: (S)-6-Chloronicotine

Synonym: 2-Chloro-5-(1-methyl-2-pyrrolidinyl)-pyridine; 6-Chloro-nicotine

Structure:



Molecular Formula:

C₁₀H₁₃ClN₂

Molecular weight:

196.68

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Dichloromethane, Methanol
(Slightly)

Lot Number: 6-ISU-73-4

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Orange to Red Oil	Clear Light Orange Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-160.8° (c = 0.1, Chloroform)
HPLC Purity	Report Result	98.90% (215 nm)

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	1/26/2023	1/24/2027