



CERTIFICATE OF ANALYSIS

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1. Identification

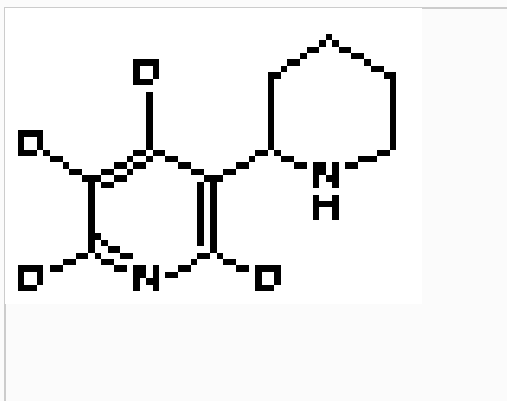
Catalogue Number: A637180

CAS Number: 1020719-08-7

Product: (R,S)-Anabasine-2,4,5,6-d4

Synonym: (R,S)-3-(2-Piperidinyl)pyridine-2,4,5,6-d4

Structure:



Molecular Formula:

C₁₀H₁₀D₄N₂

Molecular weight:

166.26

Source of Product:

Synthetic

Solubility:

Acetonitrile (Slightly),
Chloroform (Slightly, Heated),
DMSO (Slightly), Ethyl A

Lot Number: 4-MOM-57-2

Purity: 95%

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

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Yellow Oil to Semi-Solid	Clear Colourless to Yellow Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 69.38, %H: 8.23, %N: 16.41
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.1%

Additional Information: NA

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
Eric Beaton	Neha Khanna	Clarissa Santos	2/5/2019	2/3/2026