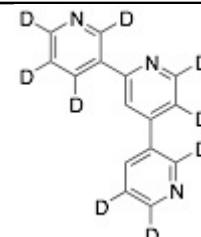


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number N401202 Lot Number 6-SGP-44-3

Product Name
Nicotelline-d9 (Major)

Structure

Synonyms
3,2',4',3''-Terpyridine-d9; Nicotellin-d9

CAS Number

N/A Solubility
Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₅H₂D₉N₃ Source of Product
Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

242.15 Purity
>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Pale Brown to Light Brown Solid	Light Brown Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	99.72% (245 nm)
MS	Conforms to Structure	Conforms

Additional Information

Normalized Intensity: d₀ = 0.06%, d₁ = 0.04%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.05%, d₅ = 0.05%, d₆ = 0.33%, d₇ = 3.93%, d₈ = 27.94%, d₉ = 67.60%

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>
			5/7/2025	5/5/2029

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