



1. Identification

Catalogue Number

N401202

Lot Number

6-SGP-44-3

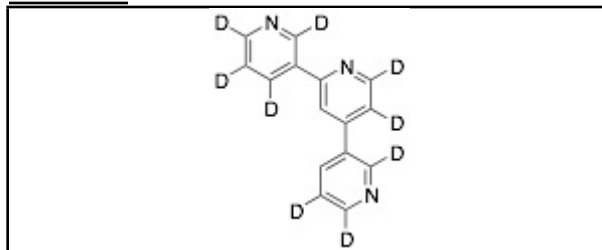
Product Name

Nicotelline-d9 (Major)

Synonyms

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

Structure



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

Tests

Appearance

Specifications

Pale Brown to Light Brown Solid

Results

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 ± 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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

5/7/2025

Retest Date

5/5/2029