

1. Identification

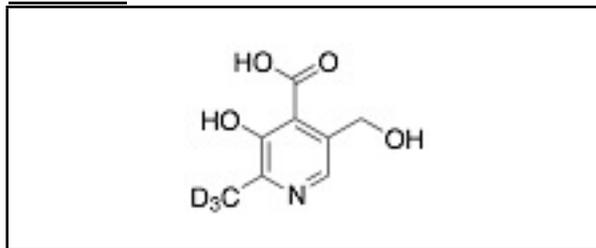
Catalogue Number

P991877

Lot Number

5-JMR-185-1

Structure



Product Name

4-Pyridoxic Acid-d3

Synonyms

3-Hydroxy-5-(hydroxymethyl)-2-methyl-4-pyridinecarboxylic Acid-d3; 3-Hydroxy-5-(hydroxymethyl)-2-methyl-isonicotinic Acid-d3; 2-Methyl-3-hydroxy-4-carboxy-5-hydroxymethylpyridine-d3; 3-Hydroxy-5-(hydroxymethyl)-2-methylisonicotinic Acid-d3; Pyridoxic Acid-d3; 4-Pyridoxinecarboxylic Acid-d3; 4-Pyridoxinic Acid-d3; 4-Pyridoxylic Acid-d3; NSC 41814-d3

CAS Number

1435934-03-4

Solubility

Aqueous Base (Slightly), DMF (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₈H₆D₃NO₄

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

186.18

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Pale Beige to Pale Red Solid

Results

Light Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 50.95, %H: 4.79, %N: 7.33

HPLC Purity

>95%

98.24% (205 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.4%

Additional Information

Normalized Intensity: d₀ = 0.62%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 99.38%

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

Neha

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Sadaf Samadi

Quality Assurance Associate

Test Date

6/7/2024

Retest Date

6/5/2028