

## 1. Identification

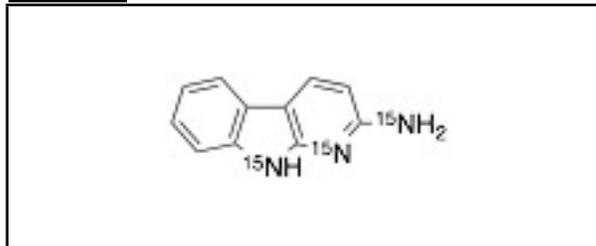
Catalogue Number

A629002

Lot Number

8-NOT-38-2

Structure



Product Name

2-Amino-9H-pyrido[2,3-b]indole-15N3

Synonyms

1H-Pyrido[2,3-b]indol-2-amine-15N3; 2-Amino- $\alpha$ -carboline-15N3; 9H-1,9-Diazafluoren-2-amine-15N3; AcC-15N3; AcC-15N3;

CAS Number

1189920-50-0

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>11</sub>H<sub>9</sub><sup>15</sup>N<sub>3</sub>

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

186.19

Purity

97%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

Brown to Dark Brown Solid

Results

Brown to Dark Brown Solid

NMR

Conforms to Structure

Conforms

N NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

97.31% (220 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

97.1%

Additional Information

Normalized Intensity: <sup>15</sup>N<sub>0</sub> = 0.01%, <sup>15</sup>N<sub>1</sub> = 4.35%, <sup>15</sup>N<sub>2</sub> = 0.00%, <sup>15</sup>N<sub>3</sub> = 95.64%

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

Jingning Zhou

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/15/2024

Retest Date

7/13/2028