



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

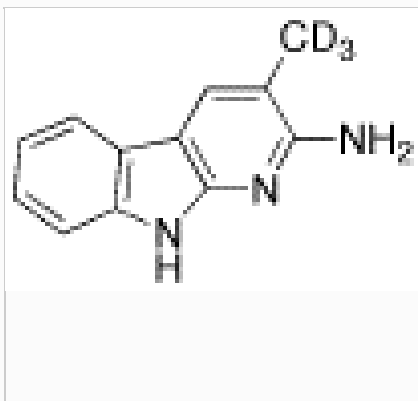
Catalogue Number: A617502

CAS Number: 1189458-14-7

Product: 2-Amino-3-methyl-9H-pyrido[2,3-b]indole-d3

Synonym: 2-Amino-3-methyl- α -carboline-d3; 3-Methyl-9H-1,9-diazafluoren-2-amine-d3;

Structure:



Molecular Formula:

$C_{12}H_8D_3N_3$

Molecular weight:

200.25

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly, Heated)

Lot Number: 5-KMT-81-2

Purity: 95%

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

Storage Condition: -20°C, Hygroscopic

2. Warning

Warning 1: Hygroscopic

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Beige to Light Brown Solid	Pale Beige Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 69.08, %H: 5.06, %N: 19.92
Isotopic Purity	>95%	99.7%
HPLC Purity	~95%	94.36% (350 nm)

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol : Acetic Acid = 9 : 1 : 0.3; Visualized with UV and AMCS; Single Spot, R_f = 0.55. Elemental Analysis: (Theoretical) %C: 71.97, %H: 5.54, %N: 20.98. Normalized Intensity: d₀ = 0.20%, d₁ = 0.18%, d₂ = 0.09%, d₃ = 99.53%

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
Neha Khanna	Toni Rantanen	My Nguyen	12/18/2019	12/16/2026