



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

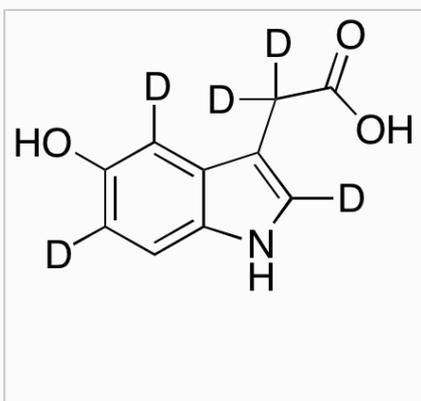
Catalogue Number: H953609

CAS Number: 81587-11-3

Product: 5-Hydroxyindole-3-acetic Acid-D5

Synonym: (5-Hydroxy-1H-indol-3-yl)acetic Acid-D5; 5-HIAA-D5; 5-Hydroxy-1H-indole-3-acetic Acid-D5; 5-Hydroxy-3-indolylacetate-D5; 5-Hydroxy-IAA-D5; 5-Hydroxyheteroauxin-D5; 5-Hydroxyindol-3-ylacetic Acid-D5; 5-Hydroxyindole-3-acetic Acid-D5; 5-Hydroxyindoleacetic Acid-D5; 5-Oxyindoleacetic Acid-D5; NSC 90432-D5

Structure:



Molecular Formula:

$C_{10}H_4D_5NO_3$

Molecular weight:

196.21

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Ethyl Acetate (Slightly), Methanol (Sparingly)

Lot Number: 3-EMF-78-2

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Beige Solid	Pale Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 60.86, %H: 4.50, %N: 7.05
HPLC Purity	Report Result	98.21% (220 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	Report Result	97.8%

Additional Information:

Normalized Intensity: d0 = 0.01%, d1 = 0.04%, d2 = 0.26%, d3 = 0.18%, d4 = 9.92%, d5 = 89.60%

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

Reviewed By

Henry Tieu



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

5/16/2022

Retest Date

5/14/2026