



## CERTIFICATE OF ANALYSIS

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### 1. Identification

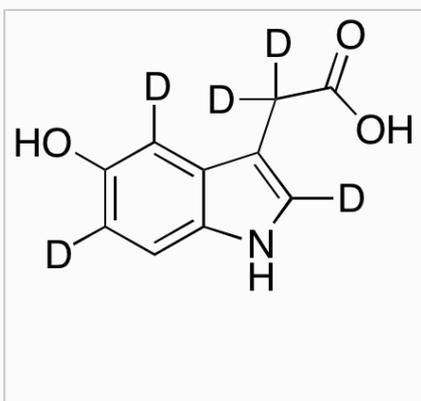
**Catalogue Number:** H953609

**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:** 15-SBK-108-1

**Purity:** 95%

**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 Beige to Beige Solid
Elemental Analysis	Conforms	%C: 60.97, %H: 4.85, %N: 7.07
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	Report Result	94.5% (d0 = 0.05%)
HPLC Purity	Report Result	98.99% (220 nm)

**Additional Information:** N/A

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**

Evan Burns

**Reviewed By**

Toni Rantanen

**C of A Approved  
By**

Chanell Chu

**Test Date**

6/23/2021

**Retest Date**

6/21/2025