

## 1. Identification

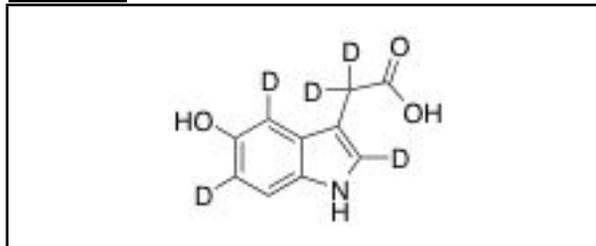
Catalogue Number

H953609

Lot Number

3-EMF-74-3

Structure



Product Name

5-Hydroxyindole-3-acetic Acid-D5

Synonyms

(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

CAS Number

81587-11-3

Solubility

DMSO (Slightly), Methanol (Sparingly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>10</sub>H<sub>4</sub>D<sub>5</sub>NO<sub>3</sub>

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

196.21

Purity

>95%

## 2. Warnings

Light Sensitive, Volatile

## 3. Analytical Information

Tests

Appearance

Specifications

White to Pale Brown Solid

Results

Pale Brown Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

96.94% (220 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

97.7%

Additional Information

Normalized Intensity: d<sub>0</sub> = 0.03%, d<sub>1</sub> = 0.00%, d<sub>2</sub> = 0.06%, d<sub>3</sub> = 0.17%, d<sub>4</sub> = 10.93%, d<sub>5</sub> = 88.81%

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

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Quality Assurance Associate

Test Date

3/19/2025

Retest Date

3/17/2029