



1. Identification

Catalogue Number

I577343

Lot Number

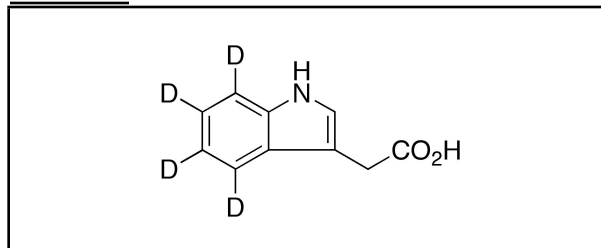
19-SBK-35-2

Product Name

Indoleacetic Acid-d4

Synonyms

1H-Indole-3-acetic Acid-d4; (1H-Indol-3-yl)acetic Acid-d4; 3-(Carboxymethyl)-1H-indole-d4; 3-(Carboxymethyl)indole-d4; 3-IAA-d4; 3-Indolylmethylcarboxylic Acid-d4; Bioenraiz-d4; GAP-d4; Heteroauxin-d4; IAA-d4; Noclosan-d4; Rhizopin-d4;

StructureCAS Number

76937-77-4

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{10}H_5D_4NO_2$ Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

179.21

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Brown Solid

Results

Pale Brown Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.40% (220 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

95.1%

Additional Information

Normalized Intensity: $d_0 = 0.00\%$, $d_1 = 0.00\%$, $d_2 = 1.15\%$, $d_3 = 17.21\%$, $d_4 = 81.64\%$

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

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

4/22/2024

Retest Date

4/20/2028