

1. Identification

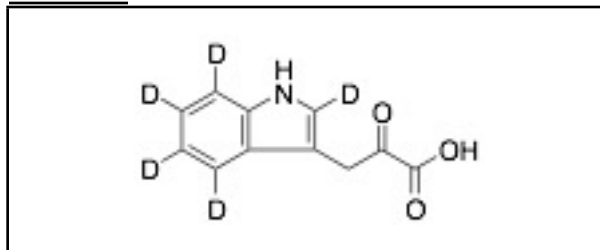
Catalogue Number

I627182

Lot Number

3-NIN-36-4

Structure



Product Name

Indole-3-pyruvic Acid-d5

Synonyms

(Penta-Deuteroindolyl-3)-pyruvic Acid;

CAS Number

85163-57-1

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₁H₄D₅NO₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

208.22

Purity

>95%

2. Warnings

Air Sensitive, Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Light Brown to Brown Solid

Results

Light Brown to Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 62.48, %H: 4.32, %N: 7.21

HPLC Purity

>95%

96.02% (235 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.7%

Additional Information

Normalized Intensity: d₀ = 0.01%, d₁ = 0.09%, d₂ = 0.03%, d₃ = 0.02%, d₄ = 6.13%, d₅ = 93.72%

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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Quality Assurance Associate

Test Date

12/3/2024

Retest Date

12/1/2028