

**1. Identification**Catalogue Number

I627102

Lot Number

14-YSW-109-1

Product Name

DL-Indole-3-lactic Acid-d5

Synonyms

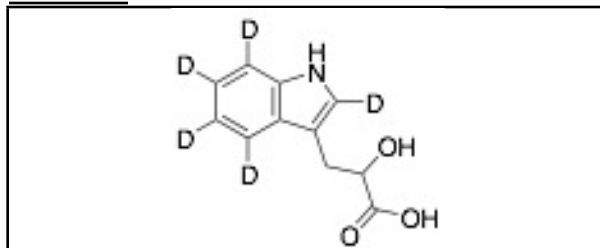
Indole-3-lactic Acid-d5; Indolelactic Acid-d5; 2-Hydroxy-3-(1H-indol-3-yl)propanoic Acid-d5; 2-Hydroxy-3-(3-indolyl)propanoic Acid-d5; 3-(3-Indolyl)-2-hydroxypropionic Acid-d5; 3-(3-Indolyl)-DL-lactic Acid-d5; 3-Indolyl-lactic Acid-d5; α-Hydroxy-1H-indole-3-propanoic Acid-d5; β-(3-Indolyl)lactic Acid-d5; β-Indolyl-lactic Acid-d5

CAS Number

2470130-19-7

Solubility

DMSO (Slightly), Methanol (Slightly)

StructureShipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula $C_{11}H_6D_5NO_3$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

210.24

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Beige Solid	Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 62.91, %H: 5.30, %N: 6.66
HPLC Purity	>95%	97.17% (220 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	97.1%

Additional Information

Normalized Intensity: $d_0 = 0.07\%$, $d_1 = 0.05\%$, $d_2 = 0.06\%$, $d_3 = 0.56\%$, $d_4 = 12.51\%$, $d_5 = 86.74\%$

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. SignaturesReviewed by

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Rami Dhanoa

Quality Assurance Associate

Test Date

2/14/2025

Retest Date

2/12/2029