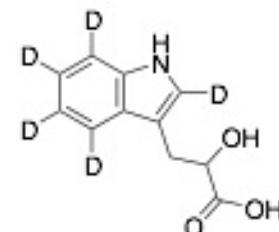


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number I627102 Lot Number 14-YSW-109-1

Product Name
DL-Indole-3-lactic Acid-d5

StructureSynonyms

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-Indolylactic Acid-d5; α -Hydroxy-1H-indole-3-propanoic Acid-d5; β -(3-Indolyl)lactic Acid-d5; β -Indolylactic Acid-d5

CAS Number

2470130-19-7

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping 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 InformationNormalized 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. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			2/14/2025	2/12/2029

Jessica Wang Chi

Product Quality Specialist

Toni Rantanen

Manager, Quality Assurance

Rami Dhanoa

Quality Assurance Associate