



## 1. Identification

Catalogue Number

K661005

Lot Number

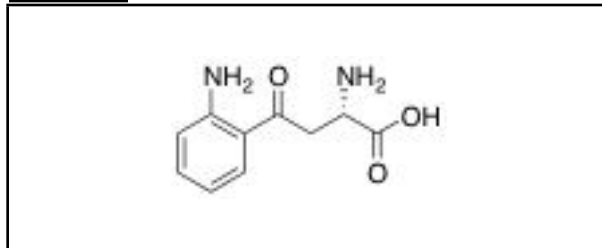
712180212-3-1

Product Name

L-Kynurenine

Synonyms

(αS)-α,2-Diamino-γ-oxo-benzenebutanoic Acid;

StructureCAS Number

2922-83-0

Solubility

DMSO (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{10}H_{12}N_2O_3$ Source of Product

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

208.21

Purity

&gt;95%

## 2. Warnings

Not Determined

## 3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Pale Yellow to Light Brown Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 55.87, %H: 5.88, %N: 13.04
HPLC Purity	>95%	100.00% (230 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-29.1° (c = 0.1, Water)

Additional Information

N/A

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>
			3/27/2025	3/25/2029
Vijaya Annapareddy Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Sadaf Samadi Quality Assurance Associate		