

1. Identification

Catalogue Number

TRC-H899977

Lot Number

1-KOP-159-1

Product Name

L-Tyrosine-d₂

Synonyms

(-)-α-Amino-p-hydroxyhydrocinnamic-d₂ Acid; Therigon-d₂; p-Tyrosine-d₂; (2S)-2-Amino-3-(4-hydroxyphenyl)propanoic-d₂ Acid; (S)-2-Amino-3-(4-hydroxyphenyl)propanoic-d₂ Acid; (S)-Tyrosine-d₂; (S)-α-Amino-4-hydroxybenzenepropanoic-d₂ Acid; L-(-)-Tyrosine-d₂; NSC 82624-d₂; NSC 9973-d₂;

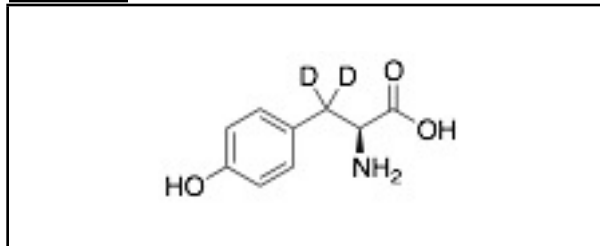
CAS Number

72963-27-0

Solubility

Aqueous Acid (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₉H₉D₂NO₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

183.20

Purity

96%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 56.93, %H: 5.97, %N: 7.39
HPLC Purity	>95%	98.14% (225 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	>99.9% (d ₀ = 0.01%)

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 ± 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>
Evan Burns			5/17/2021	5/15/2025
Evan Burns	Toni Rantanen	My Nguyen		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		