

## 1. Identification

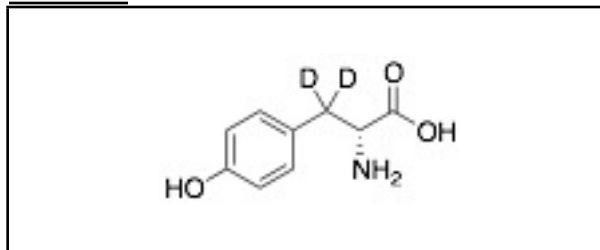
Catalogue Number

T899973

Lot Number

51-GHZ-87-1

Structure



Product Name

D-Tyrosine-d2

Synonyms

(2R)-2-Amino-3-(4-hydroxyphenyl)propanoic Acid-d2; (R)-Tyrosine-d2; D-p-Tyrosine-d2; H-D-Tyr-OH-d2;

CAS Number

1202064-22-9

Solubility

3.0 mg/mL in Aqueous Acid, Only  
Soluble in Aqueous Acid

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>9</sub>H<sub>9</sub>D<sub>2</sub>NO<sub>3</sub>

Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

183.2

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.77% (225 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

>99.9%

Additional Information

Normalized Intensity: d<sub>0</sub> = 0.00%, d<sub>1</sub> = 0.00%, d<sub>2</sub> = 100.00%

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

Chanell Chu

Jr. Quality Assurance

Test Date

3/2/2023

Retest Date

2/28/2027