

1. Identification

Catalogue Number

E588582

Lot Number

6-DPP-34-2

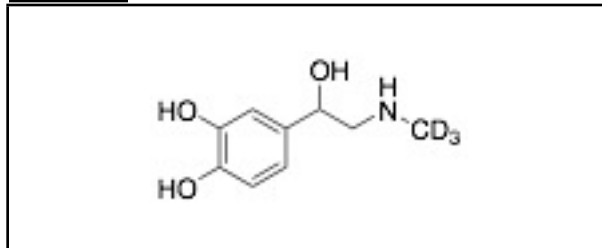
Product Name

rac Epinephrine-d3

Synonyms

rac 4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol; (+/-)-Epinephrine; Renoform; Renostypticin; Adnephrine; Adrenal; Adrenalin; Adrenaline; dl-Epinephrine;

Structure



CAS Number

1189977-29-4

Solubility

DMSO (Slightly), Water (Very Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₉H₁₀D₃NO₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

186.22

Purity

98%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Brown Solid

Results

Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 57.21, %H: 7.16, %N: 7.27

HPLC Purity

Report Result

99.47% (200 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

>99.9%

Additional Information

Normalized Intensity: d₀ = 0.03%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 99.97%

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

R. Sathya

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

4/25/2024

Retest Date

4/23/2028