



CERTIFICATE OF ANALYSIS

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1. Identification

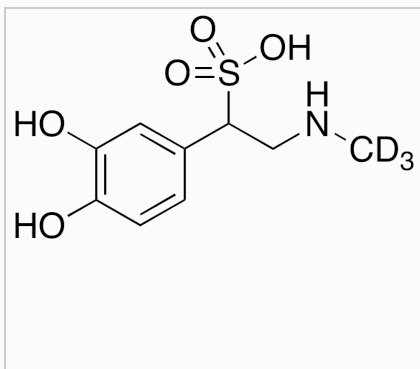
Catalogue Number: E588607

CAS Number: 1346604-55-4

Product: Epinephrine Sulfonic Acid-d3

Synonym: 3,4-Dihydroxy- α -[(methyl-d3-amino)methyl]benzenemethanesulfonic Acid; 3,4-Dihydroxy- α -[(methyl-d3-amino)methyl]- α -toluenesulfonic Acid;

Structure:



Molecular Formula:

C₉H₁₀D₃NO₅S

Molecular weight:

250.29

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Water (Slightly)

Lot Number: 2-PJS-130-3

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|---------------------------------|-------------------------------|
| Appearance | Pale Beige to Light Brown Solid | Pale Brown Solid |
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 42.39, %H: 5.34, %N: 5.60 |
| HPLC Purity | Report Result | 99.48% (205 nm) |
| MS | Conforms to Structure | Conforms |
| Isotopic Purity | >95% | 99.9% |

Additional Information:

Normalized Intensity: d0 = 0.08%, d1 = 0.06%, d2 = 0.00%, d3 = 99.86%

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

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|-------------|---------------|--------------------|------------|-------------|
| Evan Burns | Toni Rantanen | Chanell Chu | 10/14/2022 | 10/12/2026 |
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