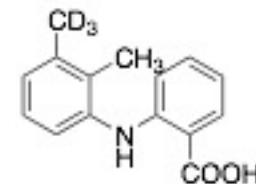


**CERTIFICATE OF ANALYSIS****1. Identification**

Catalogue Number M205052  
Product Name Mefenamic Acid-d3

Lot Number 6-JFI-54-1

StructureSynonyms

2-[(2,3-Dimethylphenyl)amino]-benzoic Acid-d3; Mefacet-d3; Mefenacid-d3; Mephenamic Acid-d3;

CAS Number

1189707-81-0

Solubility

Chloroform (Slightly), Methanol (Very Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>15</sub>H<sub>12</sub>D<sub>3</sub>NO<sub>2</sub>

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

244.3

Purity

>95%

**2. Warnings**

Not Determined

**3. Analytical Information**

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Pale Yellow to Light Yellow Solid	Pale Yellow to Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 73.63, %H: 6.19, %N: 5.68
HPLC Purity	>95%	99.86% (220 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	95.1%

Additional Information

Normalized Intensity: d<sub>0</sub> = 0.04%, d<sub>1</sub> = 0.56%, d<sub>2</sub> = 13.39%, d<sub>3</sub> = 86.01%

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>
			5/22/2025	5/20/2029

Vijaya Annapareddy  
Product Quality Specialist

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