

1. Identification

Catalogue Number

M205052

Lot Number

6-JFI-54-1

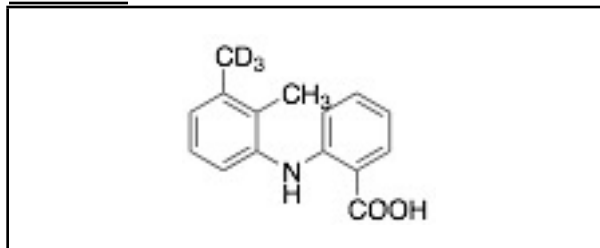
Product Name

Mefenamic Acid-d3

Synonyms

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

Structure



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

C₁₅H₁₂D₃NO₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

244.3

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Light Yellow Solid

Results

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: d₀ = 0.04%, d₁ = 0.56%, d₂ = 13.39%, d₃ = 86.01%

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

A. Vijaya

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Sadaf Samadi

Quality Assurance Associate

Test Date

5/22/2025

Retest Date

5/20/2029