



1. Identification

Catalogue Number

M258104

Lot Number

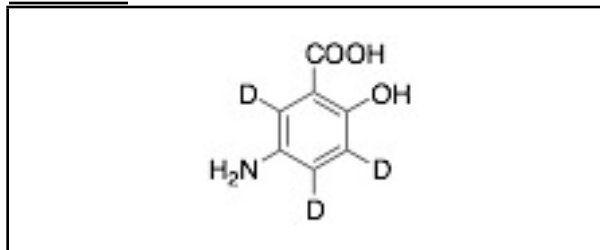
7-MSI-155-4

Product Name

Mesalazine-d3

Synonyms

5-Amino-2-hydroxybenzoic Acid-d3;

StructureCAS Number

1309283-32-6

Solubility

DMSO (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_7H_4D_3NO_3$ Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

156.15

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Light Brown to Black Solid

Results

Very Dark Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 52.50, %H: 4.49, %N: 8.86

HPLC Purity

>95%

98.86% (210 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

95.0%

Additional InformationNormalized Intensity: $d_0 = 0.24\%$, $d_1 = 0.63\%$, $d_2 = 12.95\%$, $d_3 = 86.17\%$

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

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Quality Assurance Associate

Test Date

3/13/2025

Retest Date

3/11/2029