

## 1. Identification

Catalogue Number

A291532

Lot Number

14-JMR-130-2

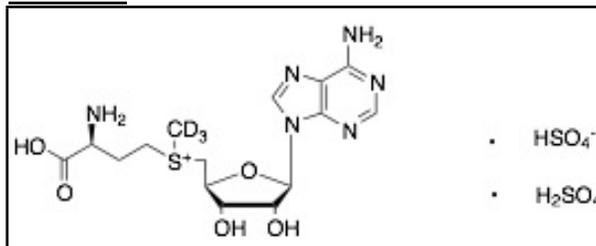
Product Name

S-(5'-Adenosyl)-L-methionine-d3 Disulfate Salt (Synthetic)(Mixture of Diastereomers) (>85%)

Synonyms

5'-[[[(3S)-3-Amino-3-carboxypropyl](methyl-d3)sulfonio]-5'-deoxyadenosine Disulfate; 5'-[[[L-3-Amino-3-carboxypropyl](methyl-d3)sulfonio]-5'-deoxyadenosine Disulfate; S-Adenosylmethionine-d3 Disulfate; Active Methionine-d3 Disulfate; Ademetionine-d3 Disulfate; L-S-Adenosylmethionine-d3 Disulfate; S-Adenosyl-L-methionine-d3 Disulfate;

Structure



CAS Number

N/A

Solubility

DMSO (Very Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>15</sub>H<sub>23</sub>D<sub>3</sub>N<sub>6</sub>O<sub>13</sub>S<sub>3</sub>

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

597.61

Purity

>85%

## 2. Warnings

Very Hygroscopic

## 3. Analytical Information

Tests

Appearance

Specifications

White to Yellow Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 29.79, %H: 4.48, %N: 13.52

HPLC Purity

Report Result

93.93% (260 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.9%

Sulfate Content

Report Result

27.2%

Additional Information

Normalized Intensity: d<sub>0</sub> = 0.03%, d<sub>1</sub> = 0.13%, d<sub>2</sub> = 0.00%, d<sub>3</sub> = 99.84%

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. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Christina Gouliaras

Test Date

4/17/2025

Retest Date

4/15/2029

Swathi Reddy

Manager, Quality Assurance

Quality Assurance Associate

Product Quality Specialist