



CERTIFICATE OF ANALYSIS

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1. Identification

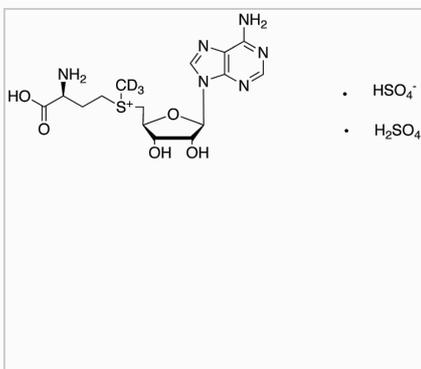
Catalogue Number: A291532

CAS Number: NA

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

Synonym: 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; L-S-Adenosylmethionin-d3 Disulfate; L-S-Adenosylmethionin-d3 Disulfate; S-Adenosyl-L-methionine-d3 Disulfate;

Structure:



Molecular Formula:

$C_{15}H_{23}D_3N_6O_{13}S_3$

Molecular weight:

597.61

Source of Product:

Synthetic

Solubility:

DMSO (Slightly, Sonicated),
Water (Slightly)

Lot Number: 8-URV-166-3

Purity: 95%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Yellow Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 30.29, %H: 4.47, %N: 13.11
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	>99.9% (d0 = 0.00%)
Sulfate Content	Report Result	27.64% by Ion Chromatography
HPLC Purity	Report Result	93.40% (260 nm)

Additional Information: Contains: ~4.0% Methanol

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	11/18/2021	11/16/2025
				