

1. Identification

Catalogue Number

M225812

Lot Number

18-KSS-103-3

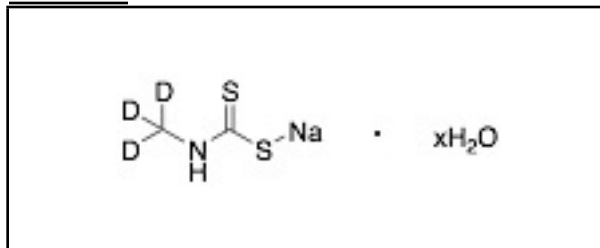
Product Name

Metam-sodium-d3 Hydrate

Synonyms

Sodium N-Methyldithiocarbamate-d3 Hydrate; N-Methylaminomethanethionothiolic Acid-d3 Sodium Salt Hydrate

Structure



CAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂HD₃NNaS₂ • xH₂O

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

132.20 + x(18.02)

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information




<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 15.56, %H: 3.93, %N: 8.84
HPLC Purity	>95%	99.89% (285 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.6%
Water Content	Report Result	11.1% by Karl Fischer

Additional Information

Normalized Intensity: d₀ = 0.10%, d₁ = 0.10%, d₂ = 0.58%, d₃ = 99.22%

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			11/21/2023	11/19/2027
Sarbjit Kaur	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		