

**1. Identification**Catalogue Number

TRC-D458122

Lot Number

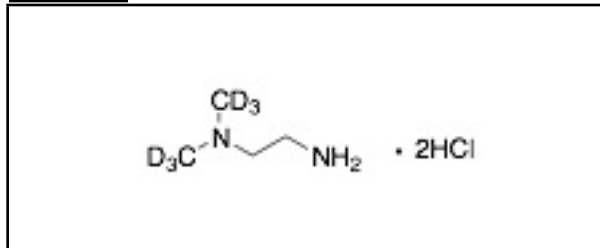
9-AQL-130-1

Product Name

N,N-Dimethylethanediamine-d6 Dihydrochloride

Synonyms

N,N-(Dimethyl-d6)ethylenediamine Dihydrochloride; N,N-(Dimethyl-d6)-ethane-1,2-diamine; N,N-(Dimethyl-d6)-1,2-ethylenediamine Dihydrochloride;

StructureCAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_4H_6D_6N_2 \cdot 2HCl$ Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

94.19 + 2(36.46)

Purity

96%

**2. Warnings**

Hygroscopic

**3. Analytical Information**Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 29.57, %H: 8.65, %N: 15.98

MS

Conforms to Structure

Conforms

Isotopic Purity

&gt;95%

99.3%

Chloride Content

Report Result

39.26% by Ion Chromatography

Additional Information

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

Neha

Neha Khanna

Reviewed by

Philip

Philip Chan

C of A Approved by

HBN

My Nguyen

Test Date

4/10/2019

Retest Date

4/8/2023