



CERTIFICATE OF ANALYSIS

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1. Identification

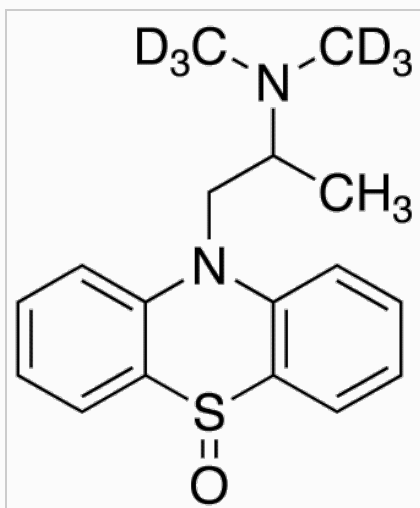
Catalogue Number: P757012

CAS Number: 1189892-93-0

Product: Promethazine Sulfoxide-d6

Synonym: N,N,-Di(methyl-d6), α -methyl-10H-phenothiazine-10-ethanamine 5-Oxide;

Structure:



Molecular Formula:

C₁₇H₁₄D₆N₂OS

Molecular weight:

306.46

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 1-JGC-133-2

Purity: 98%

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:
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 66.53, %H: 6.87, %N: 9.18
Isotopic Purity	>95%	>99.9% (d0 = 0.00%)
HPLC Purity	Report Result	98.94% (235 nm)
Appearance	Light Pink to Dark Brown Low-Melting Solid to Solid	Light Red to Brown Solid

Additional Information: N/A

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
Nicole Yip	Toni Rantanen	Chanell Chu	12/23/2021	12/21/2031