



CERTIFICATE OF ANALYSIS

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1. Identification

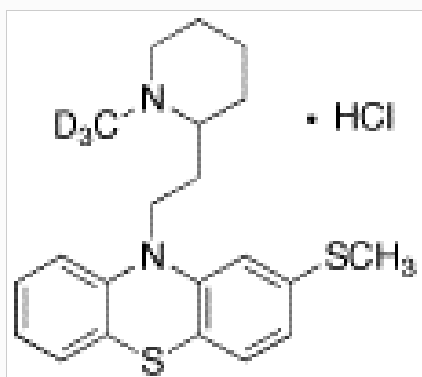
Catalogue Number: T368802

CAS Number: 1189928-36-6

Product: Thioridazine-d3 Hydrochloride

Synonym: 10-[2-(1-Methyl-d3-2-piperidyl)ethyl]-2-(methylthio)-10H-phenothiazine Hydrochloride; 2-Methylmercapto-10-[2-(N-methyl-d3-2-piperidyl)ethyl]pheno-

Structure:



Molecular Formula:

C₂₁H₂₄D₃ClN₂S₂

Molecular weight:

410.05

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Slightly, Sonicated)

Lot Number: 4-SUM-119-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Beige to Brown Sticky Solid to Solid	Beige to Brown Sticky Solid to Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 58.53, %H: 6.81, %N: 5.91
HPLC Purity	Report Result	99.03% (265 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.6%

Additional Information: Normalized Intensity: d0 = 0.38%, d1 = 0.10%, d2 = 0.00%, d3 = 99.52%

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Neha Khanna	Toni Rantanen	Christina Gouliaras	5/19/2023	5/17/2027