

1. Identification

Catalogue Number

D299250

Lot Number

10-VAS-101-3

Product Name

Dextro Mepromazine Maleate

Synonyms

(βS)-2-Methoxy-N,N,β-trimethyl-10H-phenothiazine-10-propanamine; (+)-10-[3-(Dimethylamino)-2-methylpropyl]-2-methoxyphenothiazine; (+)-Methotrimeprazine; Dextromepromazine; d-Methotrimeprazine;

CAS Number

2622-31-3

Solubility

DMSO (Slightly), Methanol (Slightly)

Molecular Formula

C₂₃H₂₈N₂O₅S

Source of Product

Synthetic

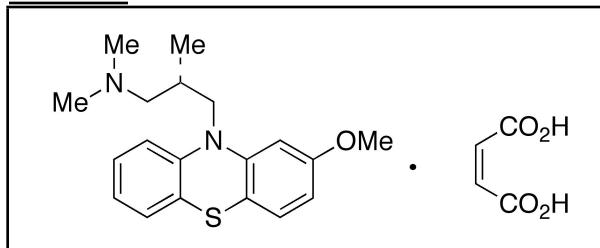
Molecular Weight

444.54

Purity

95%

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Long Term Storage Conditions

-20°C, Hygroscopic

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: 61.01, %H: 6.15, %N: 6.30
HPLC Purity	Report Result	95.17% (250 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+3.1° (c = 0.4, Methanol)

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 ± 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>
			8/25/2022	8/23/2026
Nicole Yip	Toni Rantanen	Christina Gouliaras		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		