



CERTIFICATE OF ANALYSIS

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1. Identification

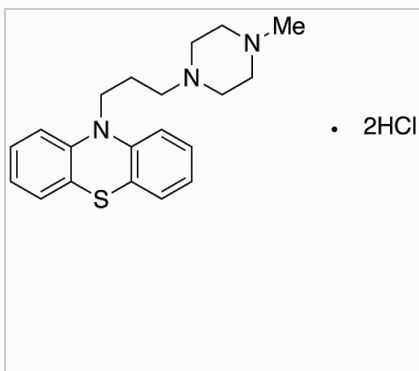
Catalogue Number: P285800

CAS Number: 5317-37-3

Product: Perazine Dihydrochloride

Synonym: 10-[3-(4-Methyl-1-piperazinyl)propyl]-10H-phenothiazine Dihydrochloride; 10-[3-(4-Methyl-1-piperazinyl)propyl]phenothiazine Dihydrochloride; 10-[3-(4-Methylpiperazinyl)propyl]phenothiazine Dihydrochloride; NSC 638694; P 725; Perazine Dihydrochloride; Pernazine Dihydrochloride; Psytomin Dihydrochloride; Taxilan Dihydrochloride;

Structure:



Molecular Formula:

$C_{20}H_{27}Cl_2N_3S$

Molecular weight:

412.42

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 1-JES-159-1

Purity: 95%

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

Storage Condition: -20°C

2. Warning

Warning 1: Hygroscopic

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Pale Blue Solid	Off-White to Pale Blue Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 54.97, %H: 6.48, %N: 9.54
Chloride Content	Report Result	16.5%
HPLC Purity	>95%	100.00% (255 nm)

Additional Information: Elemental Analysis: (Theoretical) %C: 58.25, %H: 6.60, %N: 10.19

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
Xhoana Gjergji	Toni Rantanen	My Nguyen	6/4/2020	6/2/2027
