



CERTIFICATE OF ANALYSIS

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1. Identification

CAS Number:

1346602-34-3

Catalogue Number:

TRC-C374910

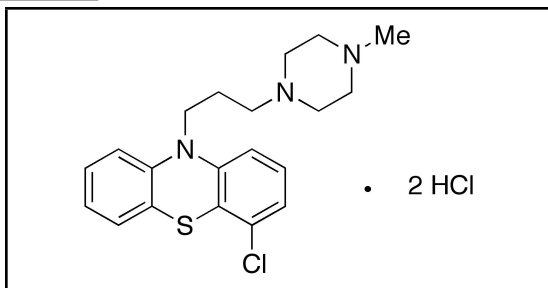
Product:

4-Chloro Perazine Dihydrochloride

Synonyms:

4-Chloro-10-[3-(4-methylpiperazin-1-yl)propyl]-10H-phenothiazine Dihydrochloride; Prochlorperazine Related Compound A

Structure:



Molecular Formula:

$C_{20}H_{26}Cl_3N_3S$

Molecular Weight:

446.86

Source of Product:

Synthetic

2. Analytical Information

Lot Number:

5-NOT-27-3

Atmosphere:

Inert Gas

Melting Point:

224 - 226°C

Solubility

Methanol (Slightly), Water (Slightly)

Appearance of Product:

Light Gray Solid

Stability

Hygroscopic

Method for Determining Identity:

^1H NMR (D_2O) and MS

Long Term Storage Condition:

4°C, Hygroscopic

Purity:

97%

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Additional Information:

TLC Conditions: SiO_2 ; Dichloromethane : Methanol = 4 : 1; Visualized with UV and AMCS; R_f = 0.60.

^1H NMR and MS conform to structure.

Chloride Content: 16.54% by Ion Chromatography

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.

Philip Chan, Head of Quality Assurance

QC Test Date

December 7, 2016

Retest Date

December 5, 2023