



CERTIFICATE OF ANALYSIS

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1. Identification

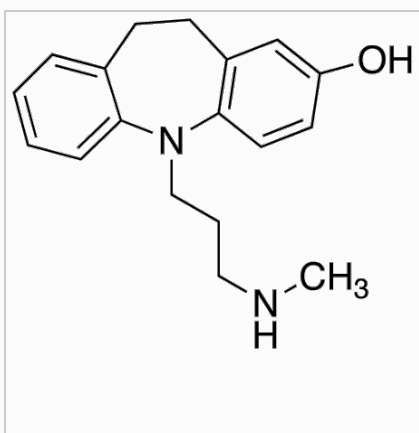
Catalogue Number: H936500

CAS Number: 1977-15-7

Product: 2-Hydroxy Desipramine

Synonym: 10,11-Dihydro-5-[3-(methylamino)propyl]-5H-dibenz[b,f]azepin-2-ol; 2-Hydroxydemethylimipramine; 2-Hydroxydesmethylimipramine; GP 36329;

Structure:



Molecular Formula:

C₁₈H₂₂N₂O

Molecular weight:

282.38

Source of Product:

Synthetic

Solubility:

Acetonitrile (Slightly),
Dichloromethane (Very Slightly, Heated), Methanol (Slig

Lot Number: 1-NZH-109-1

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Brown to Beige Solid	Pale Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 74.61, %H: 8.27, %N: 9.83
MS	Conforms to Structure	Conforms

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol : Ammonium Hydroxide = 8 : 2 : 0.2; Visualized with UV and AMCS; R_f = 0.60. Elemental Analysis: (Theoretical) %C: 76.56, %H: 7.85, %N: 9.92. Contains: ~1.0% Dichloromethane

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
Wen Fu	Toni Rantanen	My Nguyen	4/23/2020	4/21/2027