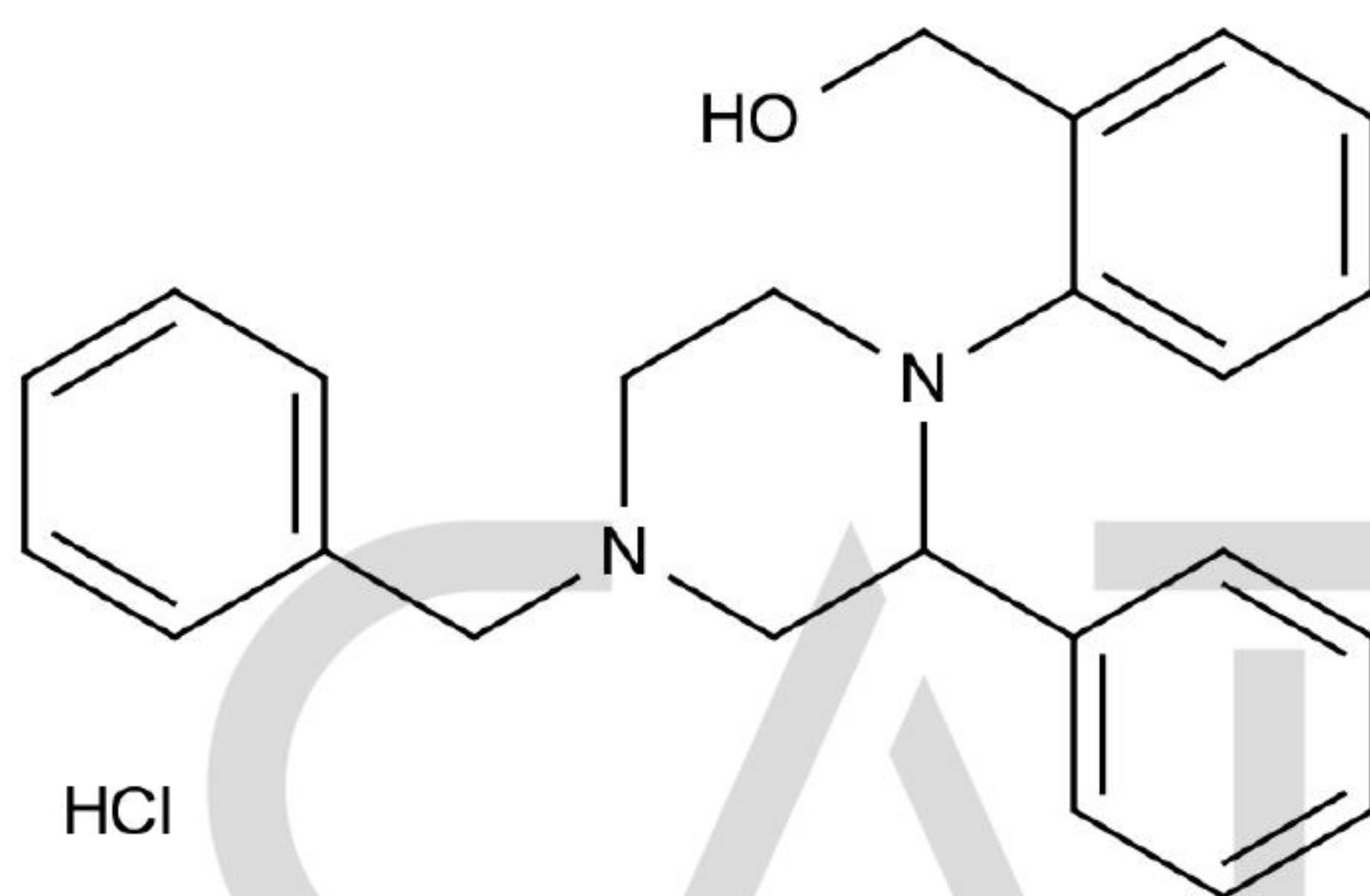


Certificate of Analysis

Reference Material & Standard

Product Name:	Mianserin EP Impurity D HCl	Catalogue Number:	C4X-136944
Synonyms:	N/A	Lot Number:	0207-RG-0029
CAS Number:	157994-98-4(free base)	Expiry Date:	Jan 06, 2028
Molecular Formula:	C ₂₄ H ₂₆ N ₂ O HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	358.48 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.6464%
Residue on Ignition	TGA	0.670%
Loss On Drying	TGA	0.021%
Assay		99.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Feb 07, 2025

Date: Feb 07, 2025

Date: Feb 07, 2025

