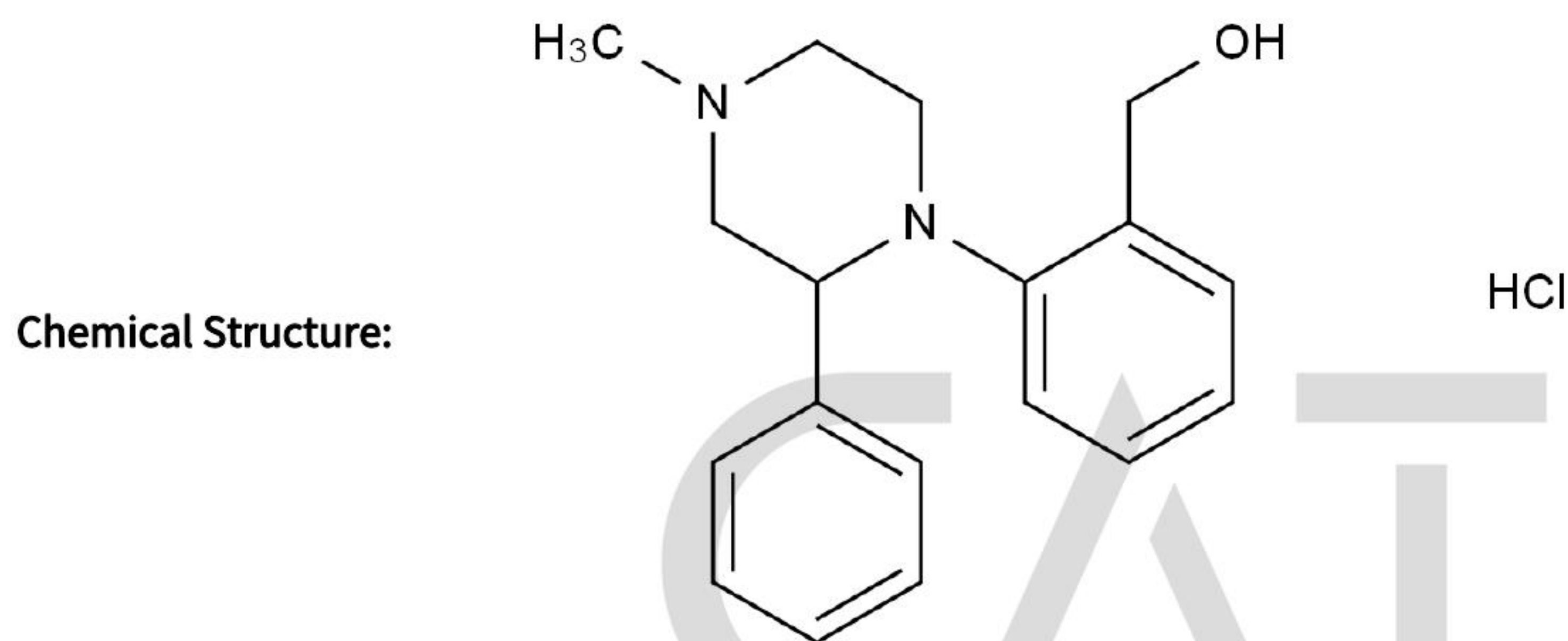


Certificate of Analysis

Reference Material & Standard

Product Name:	Mianserin EP Impurity A HCl	Catalogue Number:	C4X-13697
Synonyms:	N/A	Lot Number:	0207-RG-0028
CAS Number:	57321-32-1(free base)	Expiry Date:	Apr 21, 2027
Molecular Formula:	C ₁₈ H ₂₂ N ₂ O HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	282.38 36.46		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.5858%
Residue on Ignition	TGA	1.532%
Loss On Drying	TGA	0.127%
Assay		97.9%

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

