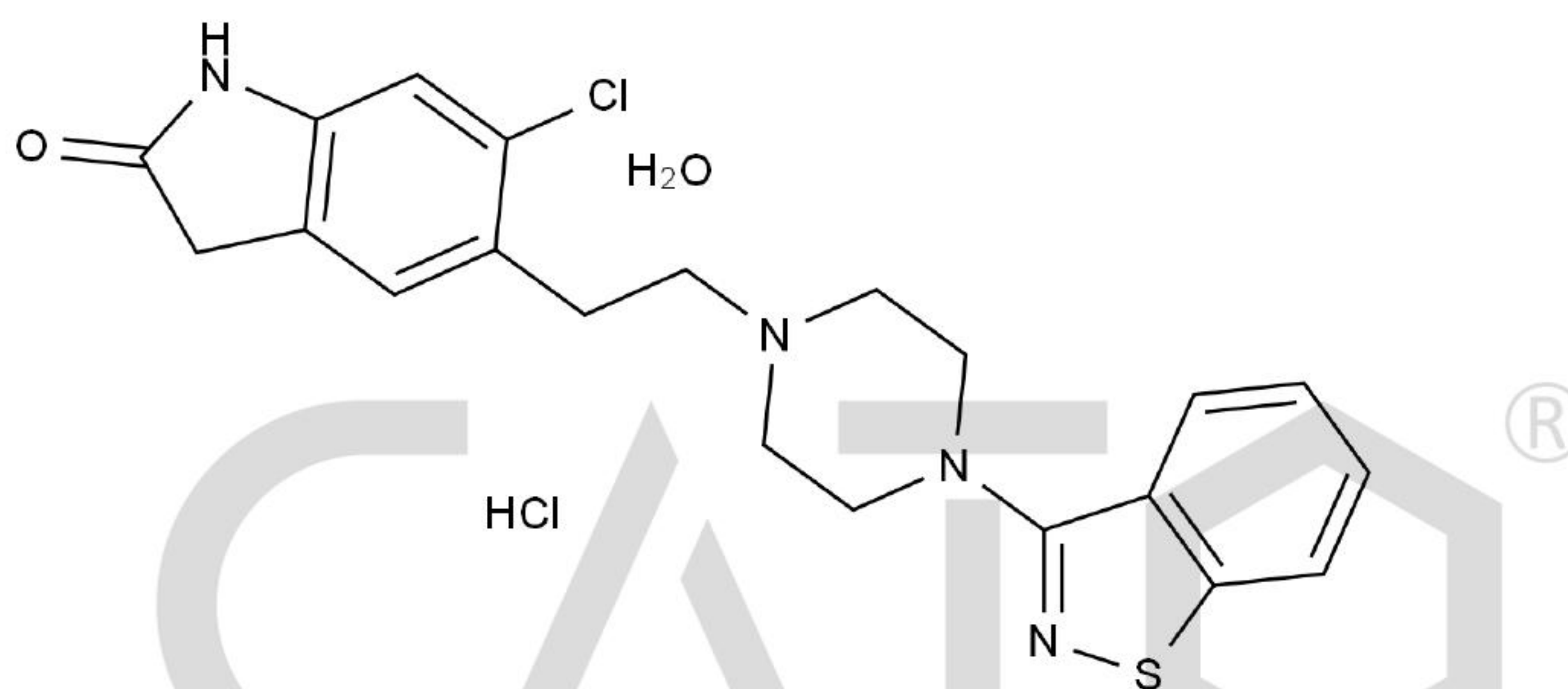


Certificate of Analysis

Reference Material & Standard

Product Name:	Ziprasidone Hydrochloride Monohydrate	Catalogue Number:	C4X-1240
Synonyms:	N/A	Lot Number:	1204-RF-0056
CAS Number:	138982-67-9	Expiry Date:	Dec 08, 2027
Molecular Formula:	C ₂₁ H ₂₁ ClN ₄ OS HCl H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	412.94 36.46 18.02		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	3.9392%
Water Content(Free Water)		0.0840%
Residue on Ignition	TGA	0.4108%
Assay		99.5%

Comment:

- The content of crystal water is 3.8552%.
- The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content(Free Water)} - \text{Residue on Ignition}) * \text{Purity HPLC (\%)} / 100\%$$

Water Content(Free Water) and Residue on Ignition are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 09, 2024

Date: Dec 10, 2024

Date: Dec 10, 2024

