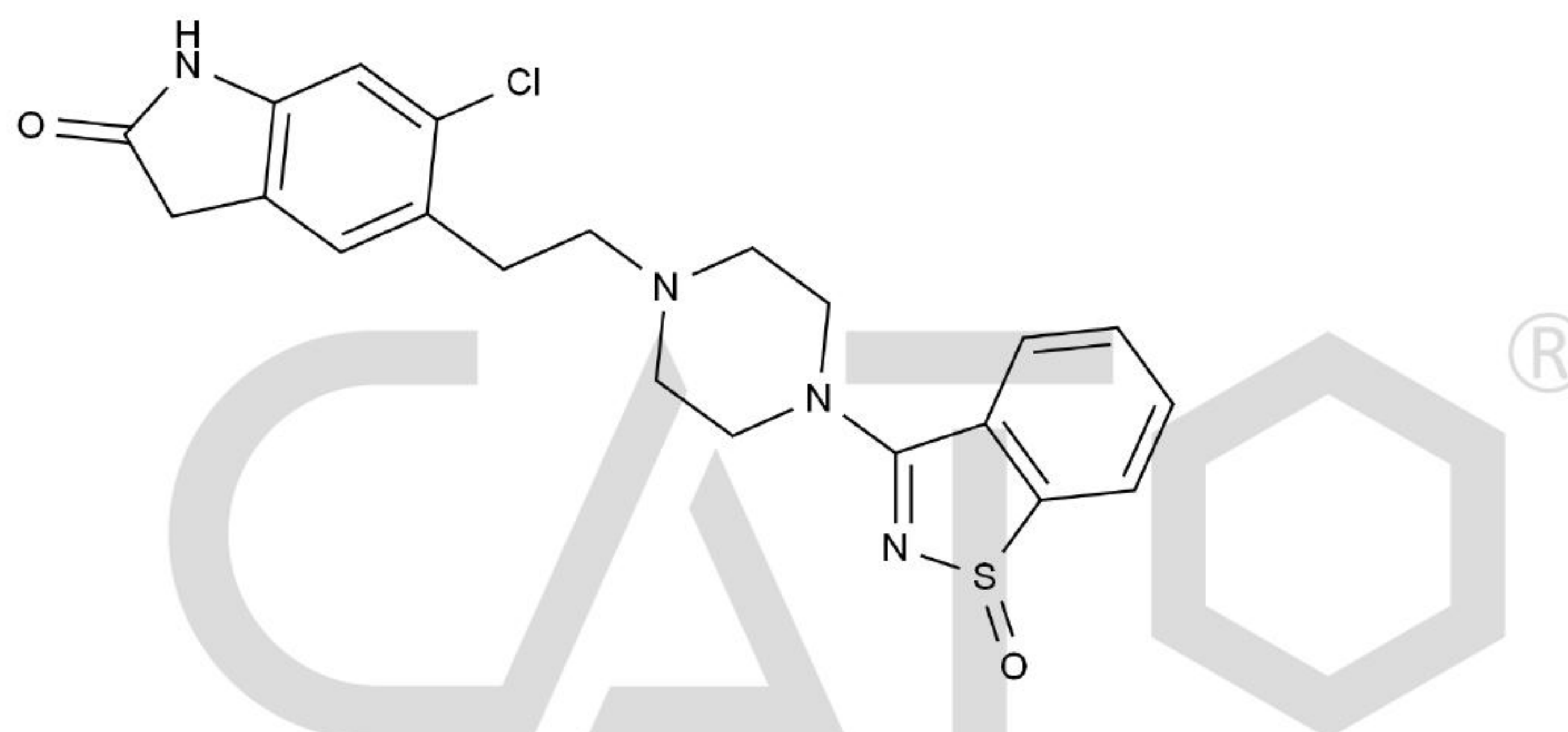


Certificate of Analysis

Reference Material & Standard

Product Name:	Ziprasidone Impurity 30	Catalogue Number:	C4X-124030
Synonyms:	6-Chloro-5-{2-[4-(1-oxidobenzisothiazol-3-yl)piperazin-1-yl]ethyl}indolin-2-one	Lot Number:	0917-RH-0067
CAS Number:	188797-80-0	Expiry Date:	Sep 29, 2030
Molecular Formula:	C ₂₁ H ₂₁ ClN ₄ O ₂ S	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	428.94	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	98.671%
Residue on Ignition	TGA	0.5811%
Loss on Drying	TGA	5.1526%
Assay	qNMR	93.2%
Assay (Assigned Value)	Mass Balance	93.0%

Comment:

- The retest date of this product is Sep 29, 2029.
- The calculation of the mass balance 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:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Sep 30, 2026

Date: Sep 30, 2026

Date: Sep 30, 2026



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