

Certificate of Analysis

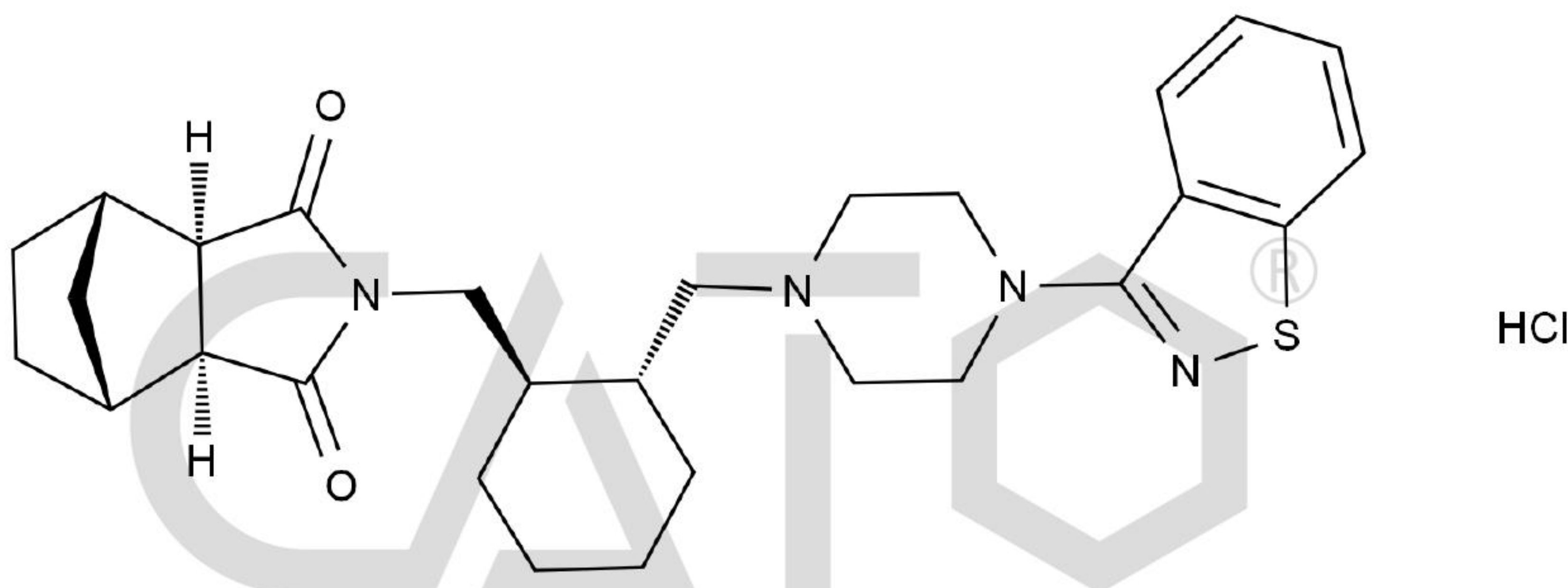
Reference Material & Standard

Product Name:	Lurasidone HCl	Catalogue Number:	C4X-1028
Synonyms:	N/A	Lot Number:	0323-RH-0180
CAS Number:	367514-88-3	Expiry Date:	Mar 25, 2030
Molecular Formula:	C ₂₈ H ₃₆ N ₄ O ₂ S HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	492.68 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.8226%
Loss On Drying	TGA	0.0186%
Assay		99.2%

Comment:

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:

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Approved by General Manager:

David

Date: Mar 26, 2026

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