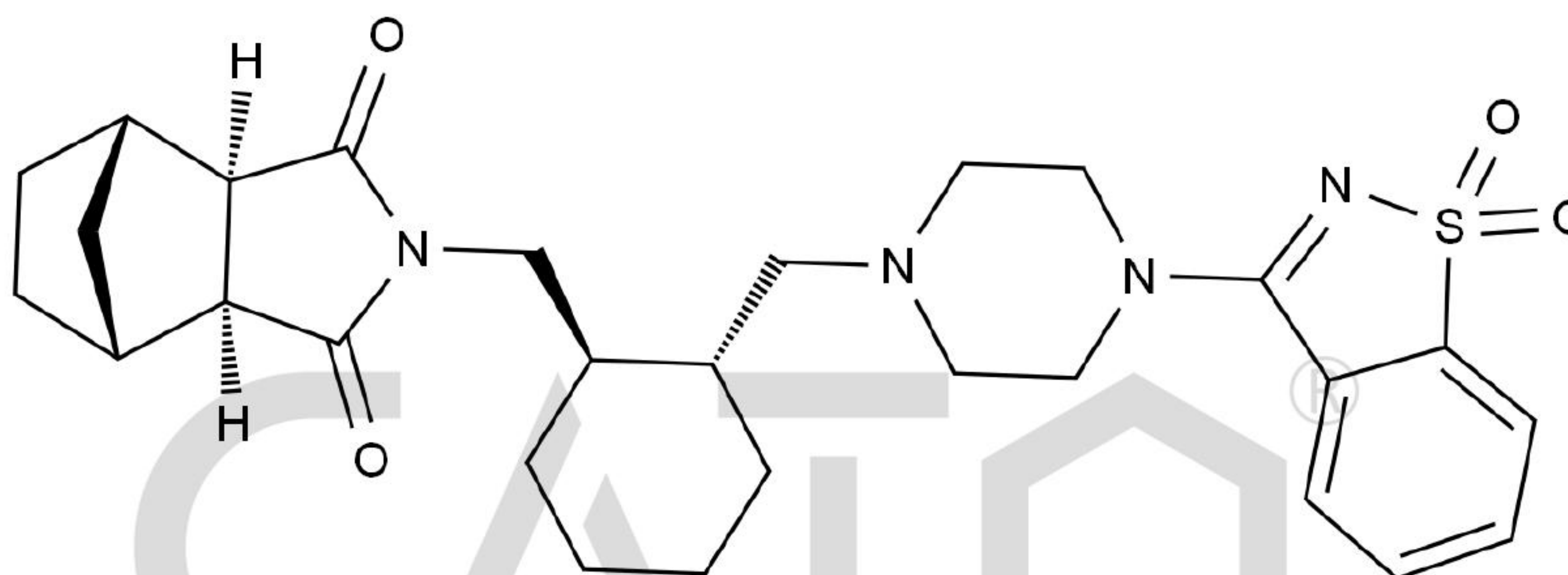


Certificate of Analysis

Reference Material & Standard

Product Name:	Lurasidone Impurity 12	Catalogue Number:	C4X-102812
Synonyms:	N/A	Lot Number:	0609-RG-0021
CAS Number:	1807607-99-3	Expiry Date:	Jun 10, 2028
Molecular Formula:	C ₂₈ H ₃₆ N ₄ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	524.67		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.544%
Loss On Drying	TGA	3.5108%
Assay		95.1%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 11, 2025

Date: Jun 11, 2025

Date: Jun 11, 2025

