

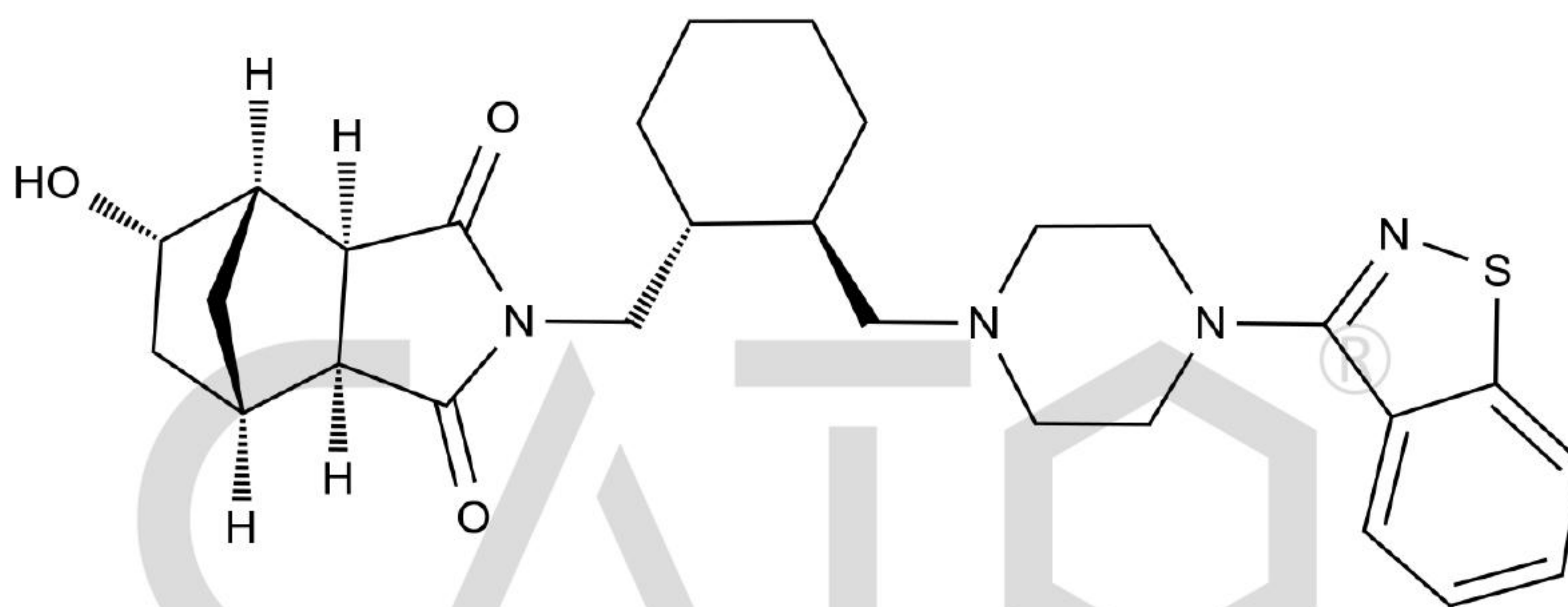
Certificate of Analysis

Reference Material & Standard

Product Name:	Lurasidone Metabolite 14326	Catalogue Number:	C1430714
Synonyms:	N/A	Lot Number:	0830-RF-0013
CAS Number:	N/A	Expiry Date:	Apr 18, 2027
Molecular Formula:	C ₂₈ H ₃₆ N ₄ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	508.68	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.7%
Water Content	Karl Fischer	1.20%
Residual Solvents	NMR	0.4% methanol
Assay		98.1%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Aug 30, 2024

Date:

Date:

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