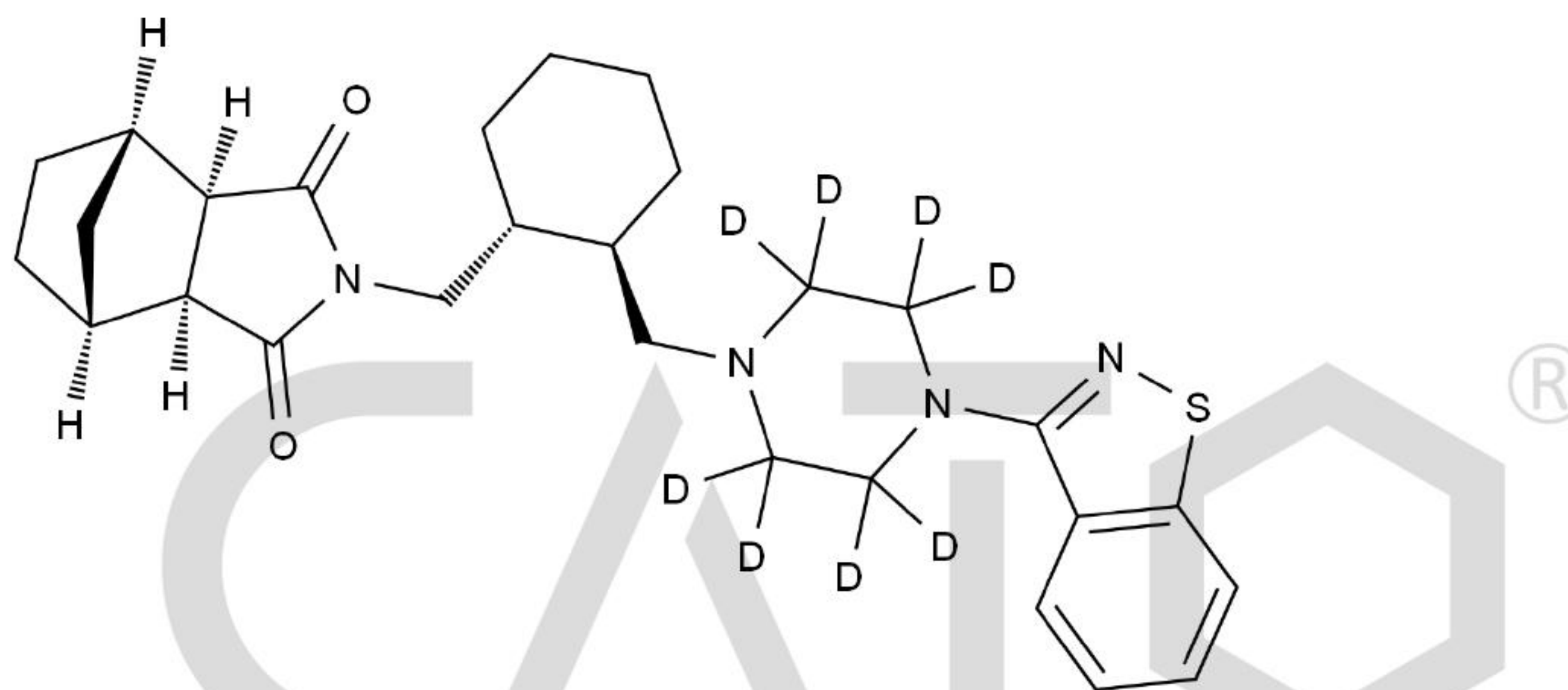


Certificate of Analysis

Reference Material & Standard

Product Name:	Lurasidone-d8	Catalogue Number:	C4X-102827
Synonyms:	N/A	Lot Number:	0326-RC-0004
CAS Number:	1132654-54-6	Expiry Date:	Jan 14, 2025
Molecular Formula:	C ₂₈ H ₂₈ D ₈ N ₄ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	500.73	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	99.9%
Isotopic Purity		98.8%
Residual Solvents	NMR	0.7% isopropanol
Specific Rotation		[α] _D ^{25.0} (c=0.12, CH ₃ OH): -20.2°
Assay	qNMR	97.7%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Hinlam

Reviewed by:

Cady

Approved by General Manager:

David

Date: Jun 15, 2022

Date: Jun 16, 2022

Date: Jun 16, 2022

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