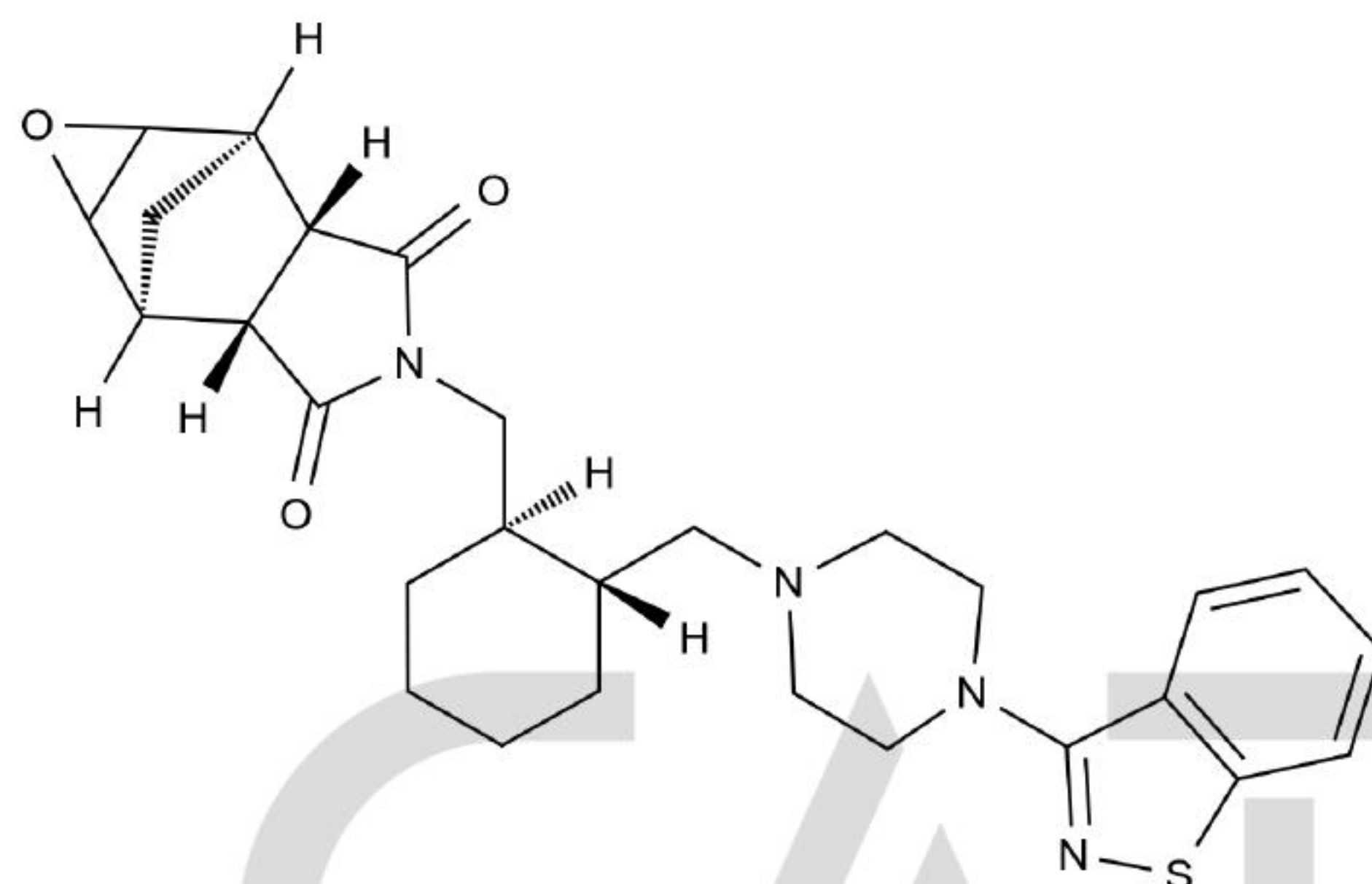


Certificate of Analysis

Reference Material

Product Name:	Lurasidone Impurity 35	Catalogue Number:	C4X-102835
Chemical Name:	N/A	Lot Number:	0914-RE-0030
CAS Number:	1373868-14-4	Expiry Date:	Sep 27, 2024
Molecular Formula:	C ₂₈ H ₃₄ N ₄ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	506.66		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.37%
Loss On Drying	TGA	1.097%
Assay		94.3%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Sep 28, 2022

Date: Sep 18, 2023

Date: Sep 18, 2023

