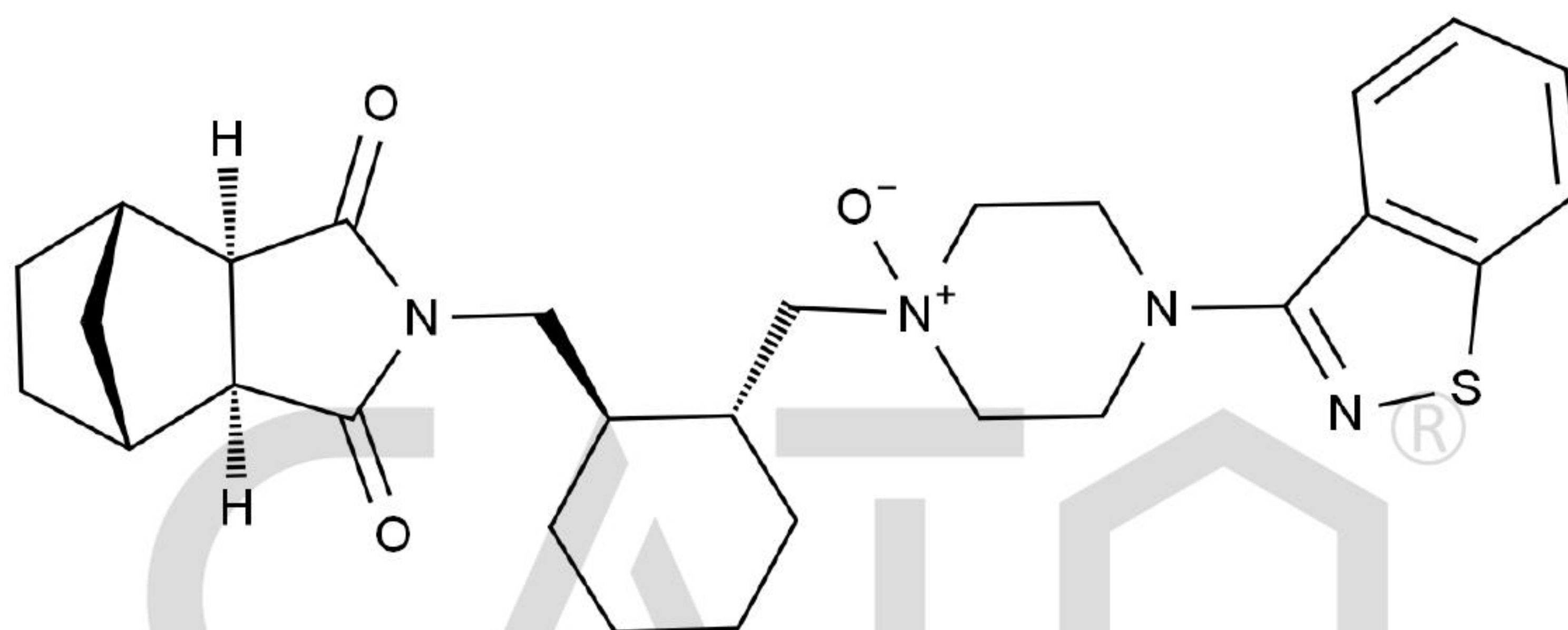


Certificate of Analysis

Reference Material & Standard

Product Name:	Lurasidone Impurity 30	Catalogue Number:	C4X-102830
Synonyms:	N/A	Lot Number:	0426-RF-0026
CAS Number:	1574569-32-6	Expiry Date:	Apr 01, 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		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.244%
Water Content	Karl Fischer	0.14%
Residual Solvents	NMR	1.90% ethyl acetate
Assay		97.2%

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:

Lily

Reviewed by:

Hin Lam

Aproved by General Manager:

David

Date: Apr 26, 2024

Date: Apr 26, 2024

Date: Apr 26, 2024

