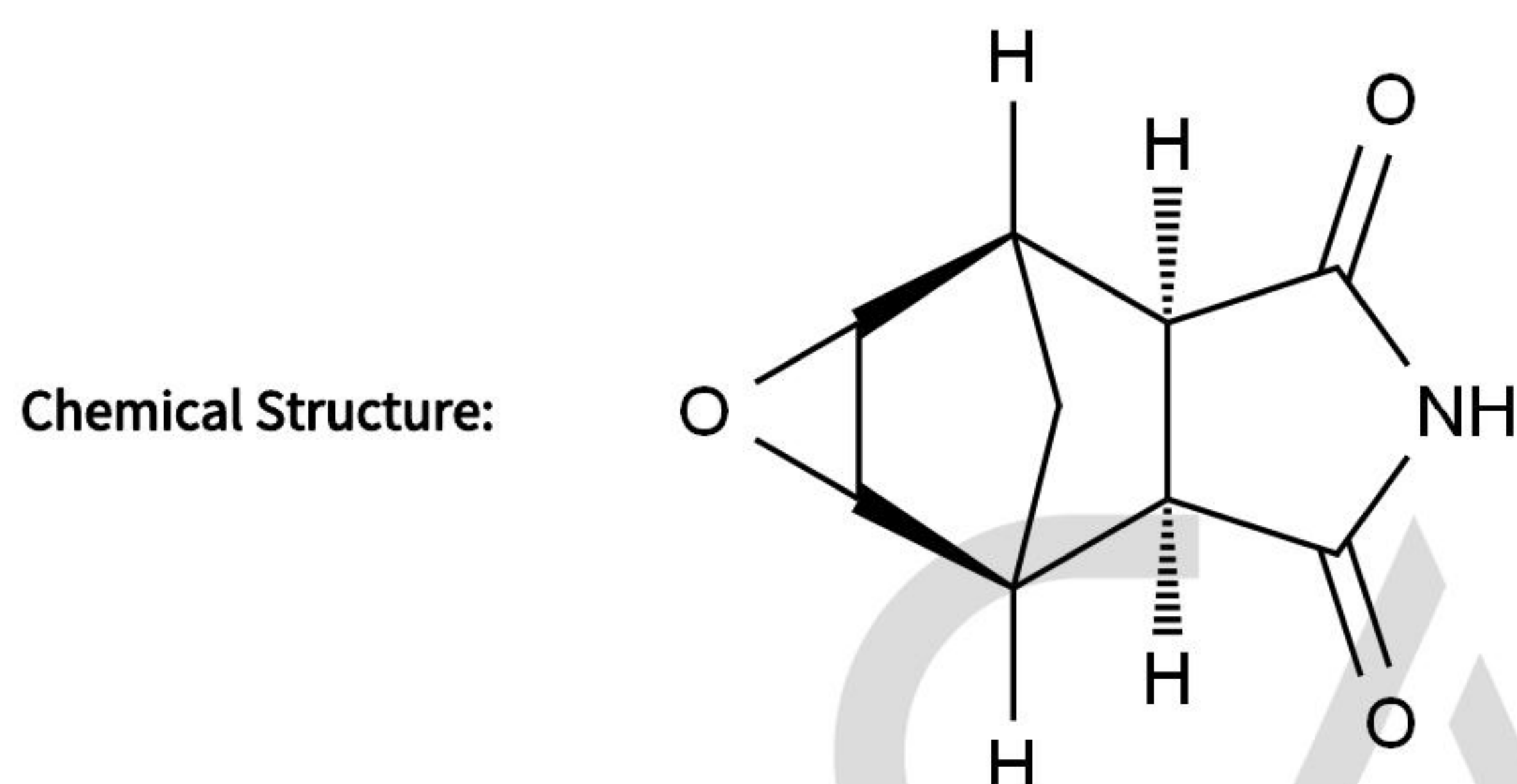


Certificate of Analysis

Reference Material & Standard

Product Name:	Lurasidone Impurity 33	Catalogue Number:	C4X-102833
Synonyms:	N/A	Lot Number:	0402-RF-0036
CAS Number:	114030-19-2	Expiry Date:	Mar 26, 2027
Molecular Formula:	C ₉ H ₉ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	179.17		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	99.620%
Water Content	Karl Fischer	0.57%
Residual Solvents	NMR	Not detected in NMR
Assay		99.1%

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:

Lily

Reviewed by:

Hin Lam

Aproved by General Manager:

David

Date: Apr 02, 2024

Date: Apr 03, 2024

Date: Apr 03, 2024

