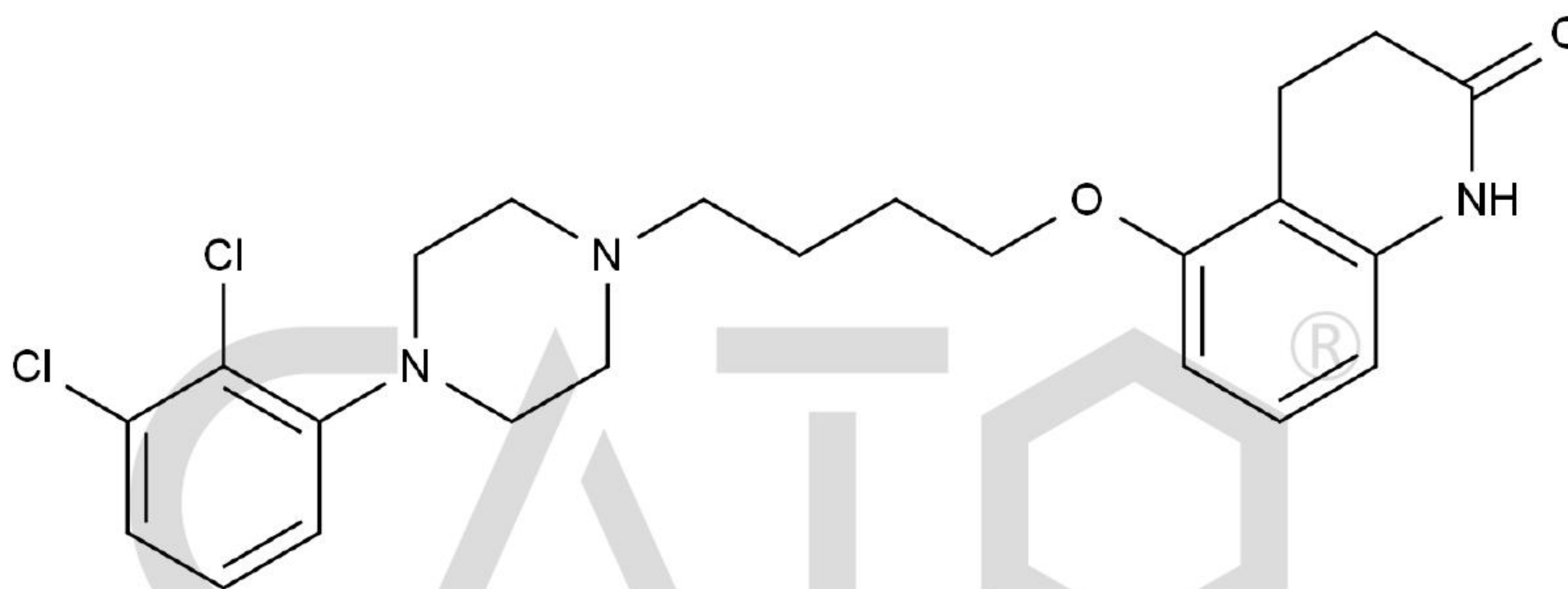


Certificate of Analysis

Reference Material & Standard

Product Name:	Aripiprazole Impurity 44	Catalogue Number:	C4X-100844
Synonyms:	Aripiprazole Isomer	Lot Number:	0628-RF-0086
CAS Number:	203395-78-2	Expiry Date:	Sep 25, 2025
Molecular Formula:	C ₂₃ H ₂₇ Cl ₂ N ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	448.39	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.810%
Water Content	Karl Fischer	0.55%
Residual Solvents	NMR	0.31% acetonitrile
Assay		97.0%

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:

Hinlam

Approved by General Manager:

David

Date: Jul 03, 2024

Date: Jul 03, 2024

Date: Jul 03, 2024

