

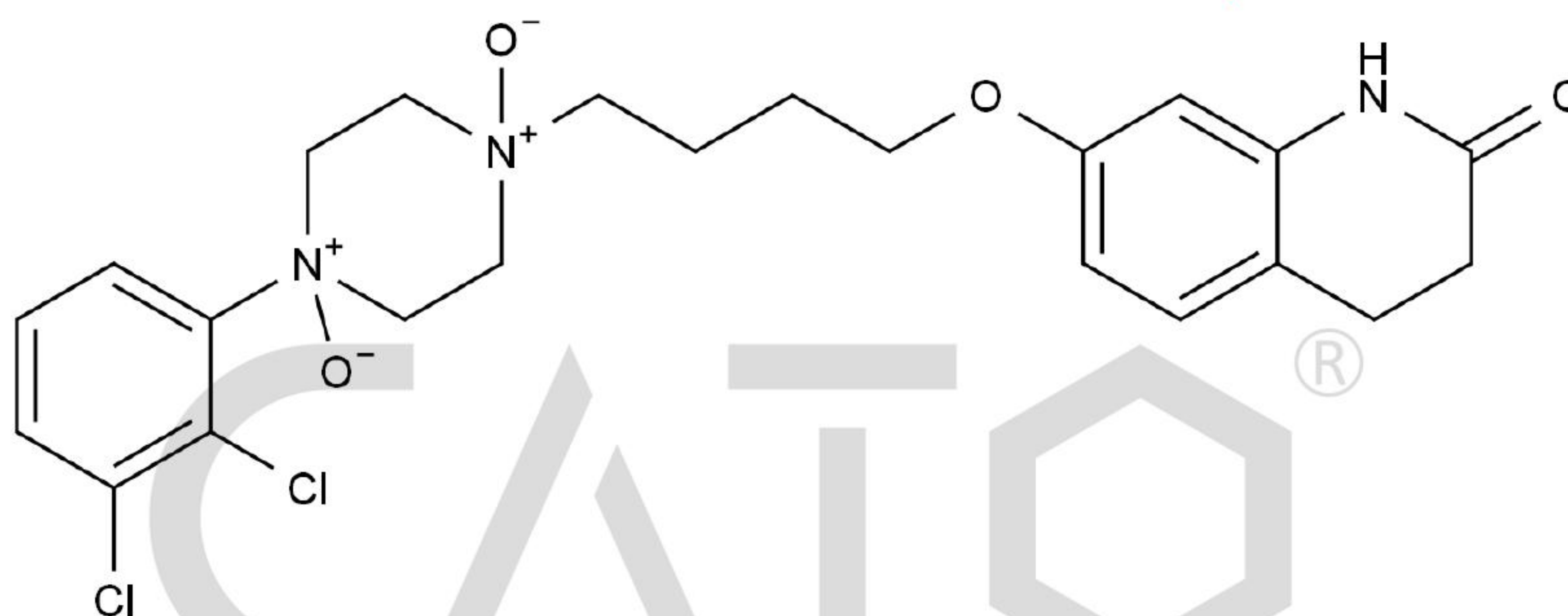
Certificate of Analysis

Reference Material & Standard

Product Name:	Aripiprazole N,N-Dioxide	Catalogue Number:	C4X-100814
Synonyms:	N/A	Lot Number:	1119-RF-0108
CAS Number:	573691-13-1	Expiry Date:	Jan 07, 2028
Molecular Formula:	C ₂₃ H ₂₇ Cl ₂ N ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	480.38	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.860%
Residual Solvents	NMR	Acetic acid
Loss On Drying	TGA	3.5891%
Assay		93.4%

Comment:

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

Assay (%) = (100% - Residual Solvents - Loss On Drying) * Purity HPLC (%) / 100%

Residual Solvents and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Jan 08, 2025

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