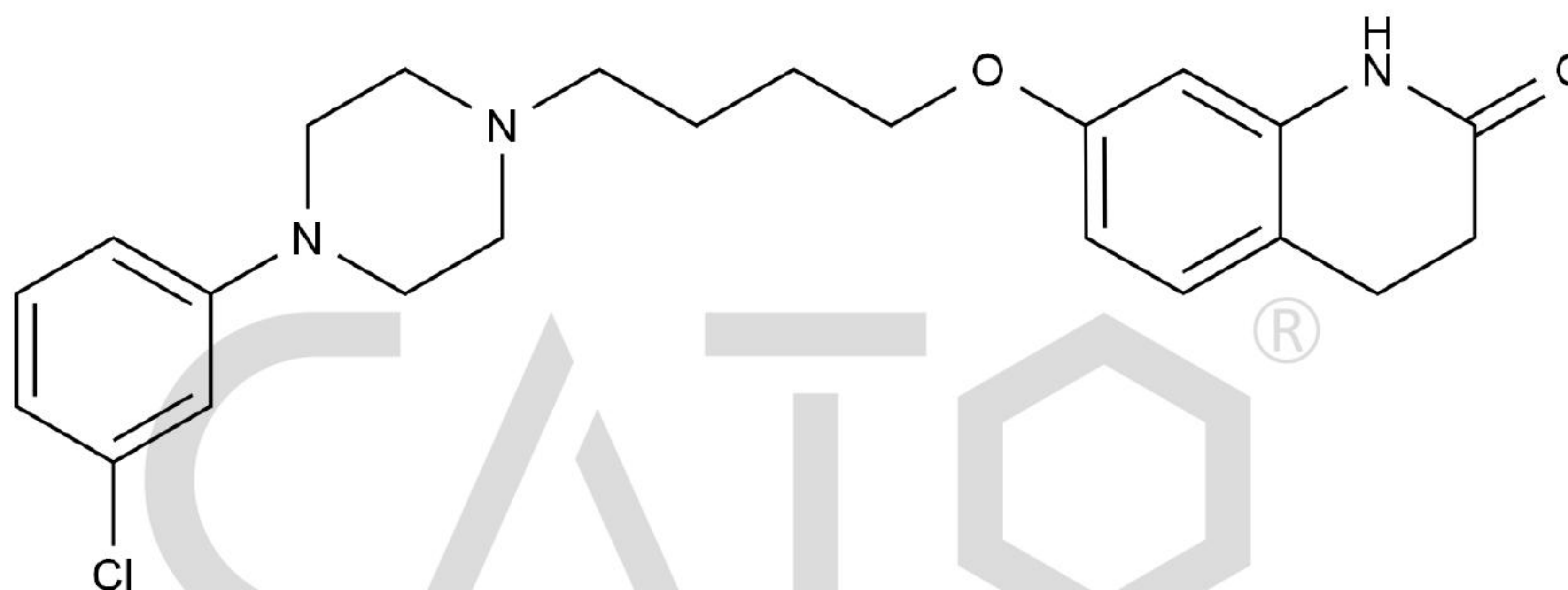


Certificate of Analysis

Reference Material & Standard

Product Name:	Aripiprazole EP Impurity D	Catalogue Number:	C4X-100810
Synonyms:	N/A	Lot Number:	0914-RE-0076
CAS Number:	203395-82-8	Expiry Date:	Jan 14, 2030
Molecular Formula:	C ₂₃ H ₂₈ ClN ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	413.94	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.269%
Loss On Drying	TGA	0.6716%
Assay		98.6%

Comment:

The calculation of the mass balance 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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 15, 2026

Date: Jan 15, 2026

Date: Jan 15, 2026



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