

Certificate of Analysis

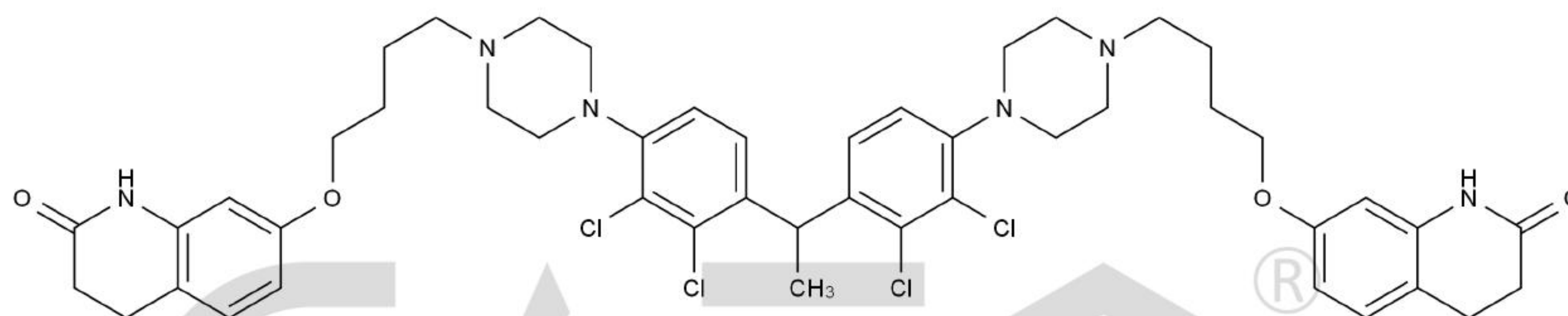
Reference Material & Standard

Product Name:	Aripiprazole EP Impurity G	Catalogue Number:	C4X-100811
Synonyms:	Aripiprazole 4,4'-dimer	Lot Number:	1202-RF-0075
CAS Number:	1797986-18-5	Expiry Date:	Sep 18, 2027
Molecular Formula:	C ₄₈ H ₅₆ Cl ₄ N ₆ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	922.81	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.540%
Water Content	Karl Fischer	0.49%
Residual Solvents	NMR	Not detected in NMR
Assay		98.1%

Comment:

The calculation of the mass balance 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:

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Approved by General Manager:

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Date: Jan 16, 2026

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