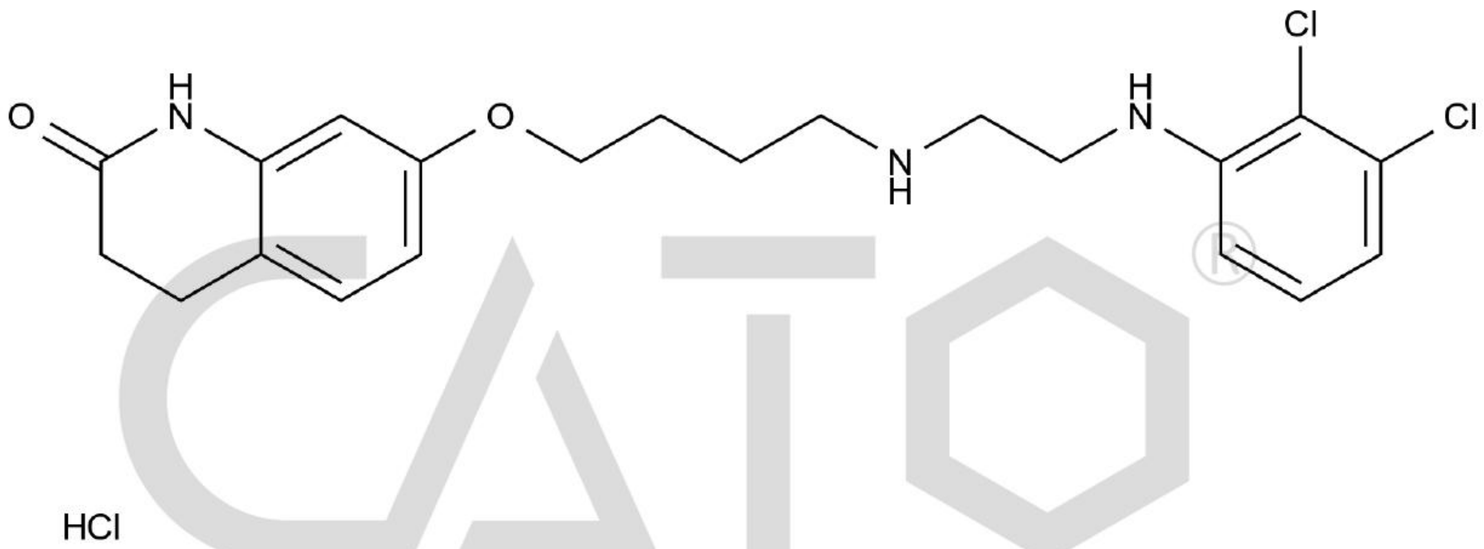
Certificate of Analysis

Reference Material & Standard

Product Name:	Aripiprazole Desethylene Impurity	**Catalogue Number:**	CP107429
Synonyms:	N/A	**Lot Number:**	0823-RH-0024
CAS Number:	1216394-63-6(free base)	**Expiry Date:**	Aug 25, 2030
Molecular Formula:	$C_{21}H_{25}Cl_2N_3O_2$ HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	422.35 36.46	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.818%
Residue on Ignition	TGA	0.2679%
Loss on Drying	TGA	1.5252%
Assay		98.0%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss on Drying) * Purity HPLC (%) /100%*
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice — Date: Aug 26, 2026

Reviewed by: Koi — Date: Aug 26, 2026

Approved by General Manager: David — Date: Aug 26, 2026

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