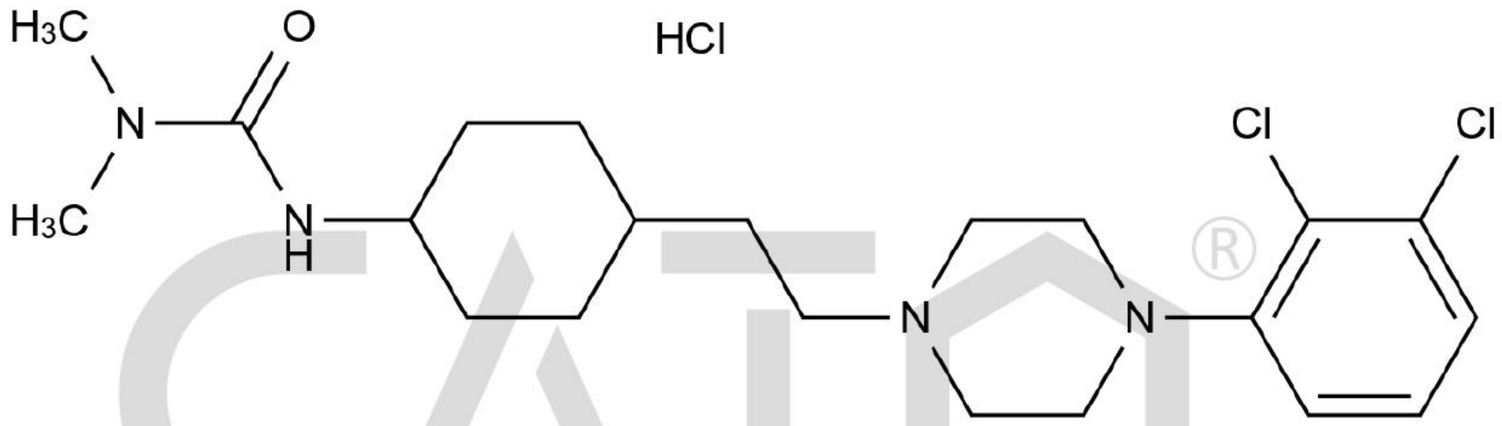
Certificate of Analysis

Reference Material & Standard

Product Name:	Cariprazine HCl	**Catalogue Number:**	CP102828
Synonyms:	N/A	**Lot Number:**	1013-RH-0032
CAS Number:	1083076-69-0	**Expiry Date:**	Oct 14, 2030
Molecular Formula:	$C_{21}H_{32}Cl_2N_4O$ HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	427.41 36.46	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.931%
Residue on Ignition	TGA	0.3358%
Loss on Drying	TGA	0.0128%
Assay	qNMR	99.3%
Assay (Assigned Value)	Mass Balance	99.6%

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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: Oct 15, 2026

Reviewed by: Koi — Date: Oct 16, 2026

Approved by General Manager: David — Date: Oct 16, 2026

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