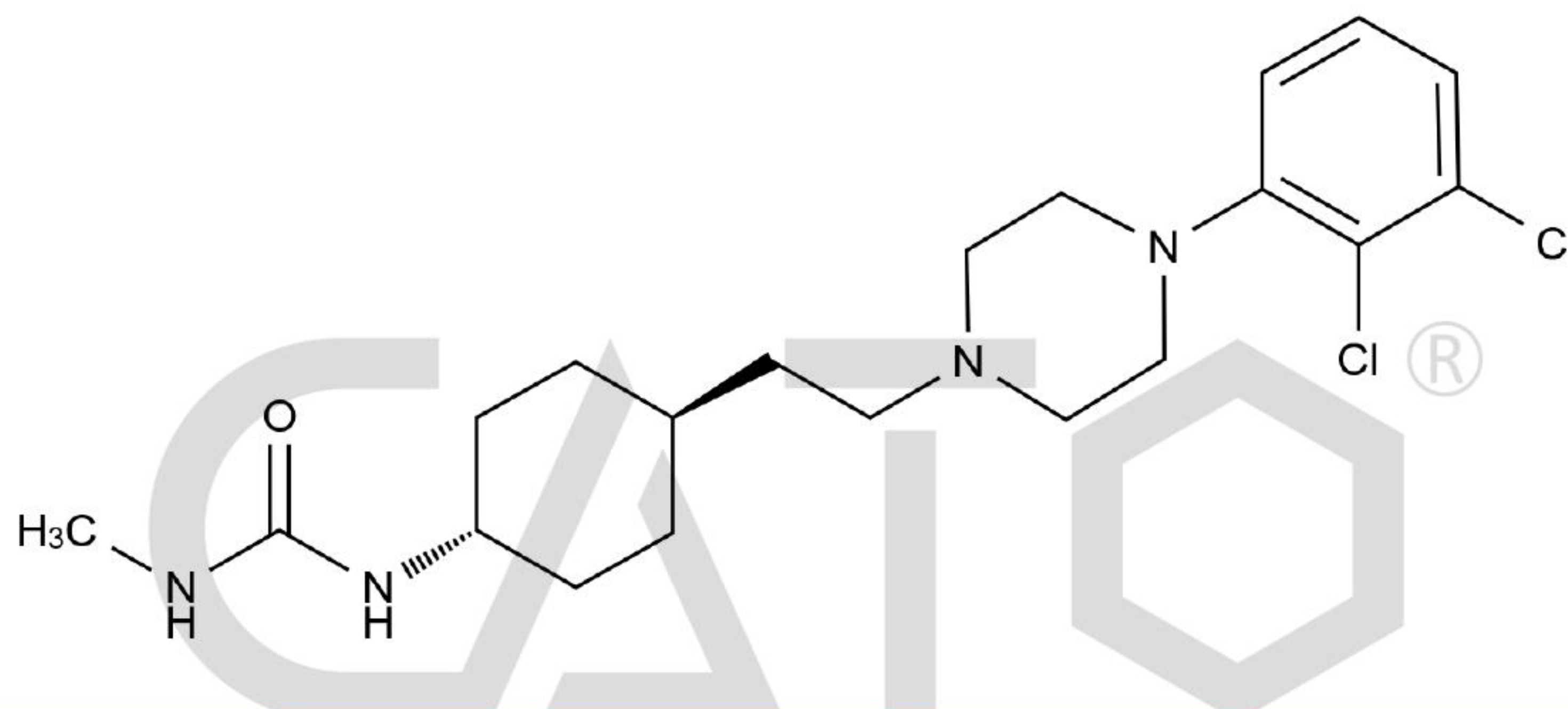


Certificate of Analysis

Reference Material & Standard

Product Name:	Desmethyl Cariprazine	Catalogue Number:	C4X-24083
Synonyms:	N/A	Lot Number:	0927-RH-0006
CAS Number:	839712-15-1	Expiry Date:	Sep 23, 2030
Molecular Formula:	C ₂₀ H ₃₀ Cl ₂ N ₄ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	413.38	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.12%
Loss on Drying	TGA	0.6073%
Assay	Mass Balance	98.5%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Sep 30, 2026

Date: Sep 30, 2026

Date: Sep 30, 2026



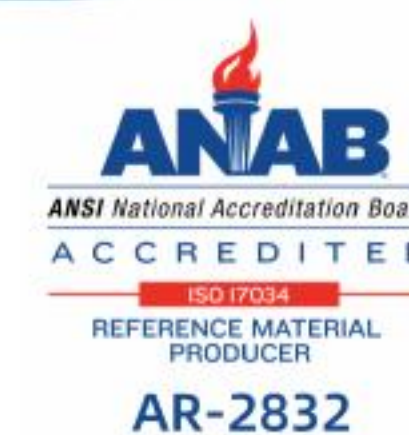
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