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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

**Product Name: Cariprazine Impurity 1**

### Identification:

Chemical Name: Trans-4-[2-[4-(2,3-Dichlorophenyl)piperazin-1-yl]ethyl]cyclohexanamine

Synonyms : Cariprazine Amine Analog

CAS Number : 791778-53-5

CAT Number : CP-C57001

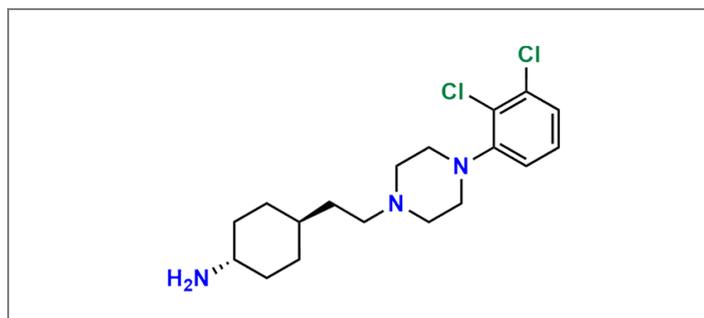
Molecular Formula : C<sub>18</sub>H<sub>27</sub>Cl<sub>2</sub>N<sub>3</sub>

Molecular Weight : 356.33

Batch Number : CP-CAR-1-0525

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Solid
2)	Solubility	Slightly Soluble in DMSO, Methanol
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	100%
5)	<sup>1</sup> HNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.