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### CERTIFICATE OF ANALYSIS

Analysis Date:

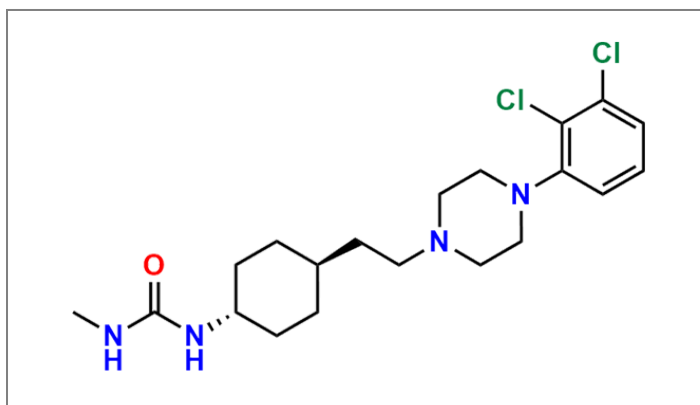
Re-test Date:

**Product Name: N-Desmethyl Cariprazine**

#### Identification:

Chemical Name: N-[trans-4-[2-[4-(2,3-Dichlorophenyl)-1-piperazinyl]ethyl]cyclohexyl]-N'-methyl Urea

Synonyms : NA  
CAS Number : 839712-15-1  
CAT Number : CP-C57004  
Molecular Formula : C<sub>20</sub>H<sub>30</sub>Cl<sub>2</sub>N<sub>4</sub>O  
Molecular Weight : 413.38



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-

**Prepared and Reviewed By**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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