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## CERTIFICATE OF ANALYSIS

Analysis Date:

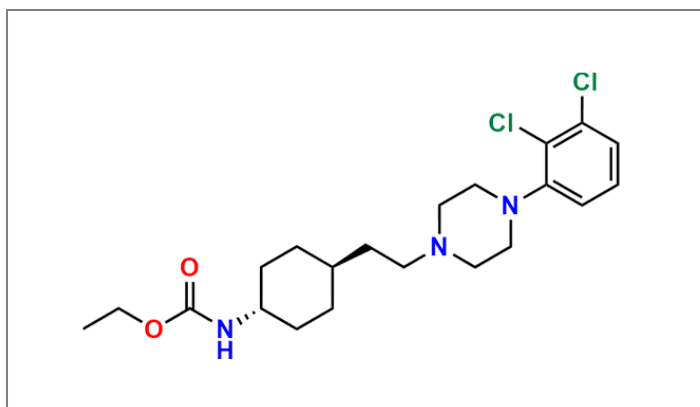
Re-test Date:

**Product Name: Cariprazine Impurity 28**

### Identification:

Chemical Name: Rel-ethyl ((1r,4r)-4-(2-(4-(2,3-dichlorophenyl)piperazin-1-yl)ethyl)cyclohexyl)carbamate

Synonyms : NA  
CAS Number : 1957145-61-7  
CAT Number : CP-C57037  
Molecular Formula : C<sub>21</sub>H<sub>31</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>  
Molecular Weight : 428.40



### 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.