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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Cariprazine Impurity 1**

### Identification:

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

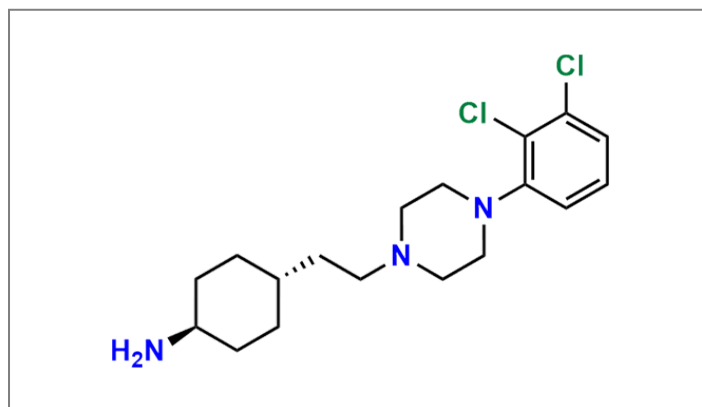
Synonyms: : NA

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



### 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)	<sup>1</sup> H NMR	Confirm to structure



Prepared and Reviewed By

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Approved By

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