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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

Re-test Date: Aug 2027

Product Name: Varenicline Impurity 26

Identification:

Chemical Name: 2-Methyl-7,8,9,10-tetrahydro-6H-6,10-methanoazepino[4,5-g]quinoxaline

Synonyms : Methyl varenicline impurity

CAS Number : 1333145-89-3

CAT Number : CP-V8012

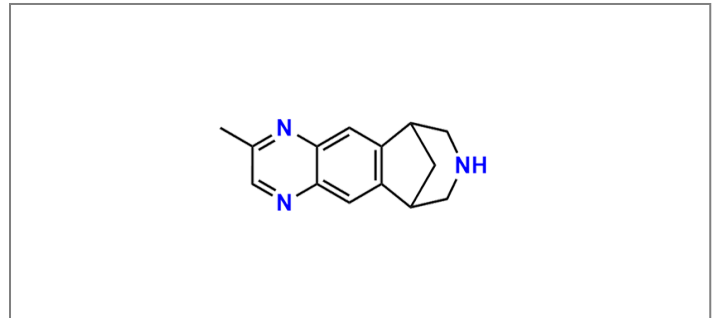
Molecular Formula : C₁₄H₁₅N₃

Molecular Weight : 225.30

Batch Number : CP-VAR-26-0924

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	Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.1%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	4.2%
8)	Potency by TGA	91.1%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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