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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

**Product Name: Varenicline N-Trifluoroacetyl Impurity**

### Identification:

Chemical Name: 2,2,2-Trifluoro-1-(6,7,9,10-tetrahydro-8H-6,10-methanoazepino[4,5-g]quinoxalin-8-yl)ethan-1-one

Synonyms : Varenicline protected impurity

CAS Number : 230615-70-0

CAT Number : CP-V8022

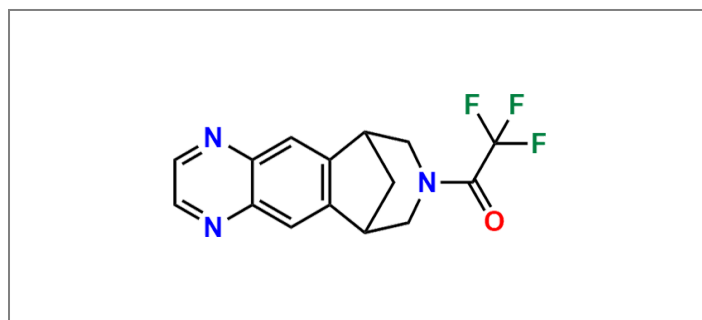
Molecular Formula : C<sub>15</sub>H<sub>12</sub>F<sub>3</sub>N<sub>3</sub>O

Molecular Weight : 307.28

Batch Number : CP-VAR-NTFA-1224

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	Yellow to Orange Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.95 %
5)	H1NMR	Confirm to structure



**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.