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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2023

Re-test Date: Aug 2026

Product Name: Varenicline Impurity 18

Identification:

Chemical Name: 2,3-Dihydroxy-4-oxo-4-(6,7,9,10-tetrahydro-8H-6,10-methanoazepino[4,5-g]quinoxalin-8-yl)butanoic acid

Synonyms : Varenicline Tartrate Tetramide
Impurity

CAS Number : 2306217-15-0

CAT Number : CP-V8010

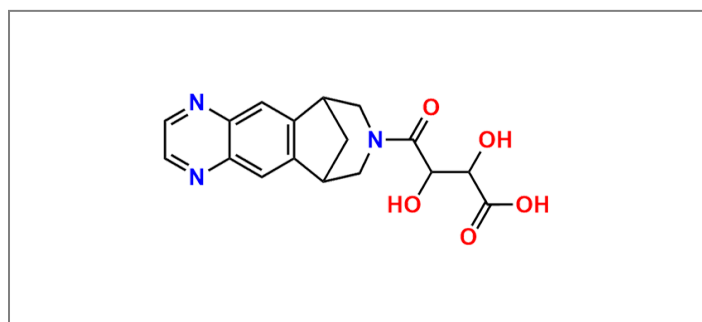
Molecular Formula : C₁₇H₁₇N₃O₅

Molecular Weight : 343.33

Batch Number : CHEM-VAR-08

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.2%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.