CERTIFICATE OF ANALYSIS

(Certificate No. KMV011065-01)

Release Date: 21/12/2024 **Re-test Date:** 20/12/2027

VARENICLINE NITROSO IMPURITY VC-09

Identification

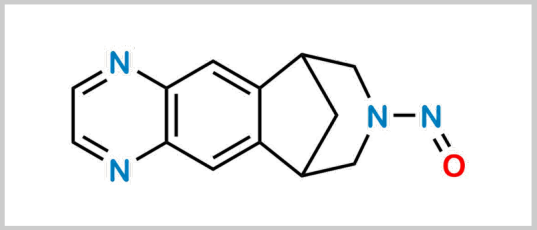
Chemical Name :
8-Nitroso-7,8,9,10-tetrahydro-6H-6,10-methanoazepino[4,5-g]quinoxaline

CAT No. : KMV011065

CAS No. : 2755871-02-2

Molecular Formula : C13H12N4O

Molecular Weight : 240.3



Analytical Information

Batch No.	: VARE-N-NITROSO-019-092	**Solubility**	: ACN : Water (1:1)
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 97.90 %	**IR**	: Confirm
Weight Loss By TGA	: 1.96 %	**1H NMR**	: Confirm
% Potency	: 95.98 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.96(Weight Loss By TGA)] x [97.90(HPLC Purity)]/100 = 95.98 %
-Re-tested on 21.12.2024.
-COA Re-generated on 21.12.2024.

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Ravi Sakhiya		21/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/12/2024

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA