

# CERTIFICATE OF ANALYSIS

(Certificate No. KMV005001-01)

Release Date: 26/02/2024

Re-test Date: 25/02/2027

## Vardenafil Impurity A

### Identification

**Chemical Name :**

2-(2-Ethoxy-5-((4-ethylpiperazin-1-yl)sulfonyl)phenyl)-5,7-dimethylimidazo[5,1-f][1,2,4]triazin-4(3H)-one

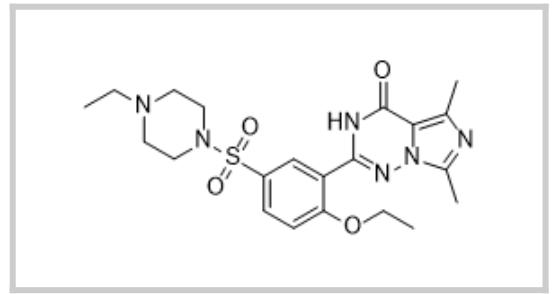
**Alt. Name** : 7-Despropyl 7-Methyl Vardenafil

**CAT No.** : KMV005001

**CAS No.** : 2169247-39-4

**Molecular Formula** : C<sub>21</sub>H<sub>28</sub>N<sub>6</sub>O<sub>4</sub>S

**Molecular Weight** : 460.55



### Analytical Information

**Batch No.** : VAR-EPA-073-095

**Solubility** : ACN

**Description** : Off White Solid

**Mass** : Confirm

**HPLC Purity** : 99.79 %

**IR** : Confirm

**Weight Loss By TGA** : 0.05 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 99.74 %

### 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 - 0.05(Weight Loss By TGA)] x [99.79(HPLC Purity)]/100 = 99.74 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		01/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		01/03/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA