

CERTIFICATE OF ANALYSIS

(Certificate No. KMV005018-01)

Release Date: 07/11/2025

Re-test Date: 06/11/2028

Vardenafil EP Impurity C

Identification

Chemical Name :

2,2'-[Piperazine-1,4-diylbis[(sulfonyl)(4-ethoxybenzene-1,3-diyl)]]bis[5-methyl-7-propylimidazo[5,1-f][1,2,4]triazin-4(3H)-one] (as per EP) ; 2,2'-[(Piperazine-1,4-disulfonyl)bis(6-ethoxy-3,1-phenylene)]bis[5-methyl-7-propylimidazo[5,1-f][1,2,4]-triazin-4(3H)-one] (as per USP)

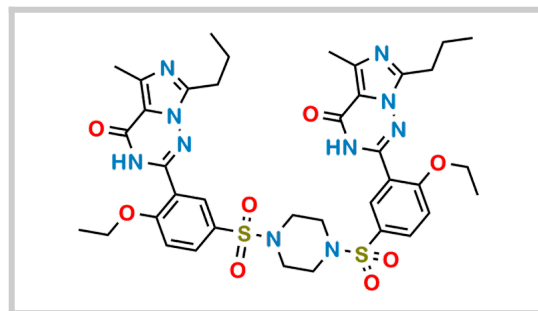
Alt. Name : Vardenafil Dimer (USP)

CAT No. : KMV005018

CAS No. : 1255919-03-9

Molecular Formula : C₃₈H₄₆N₁₀O₈S₂

Molecular Weight : 834.9



Analytical Information

Batch No. : KMPS/VAR/07/073

Description : Off white solid

HPLC Purity : 97.94 %

Weight Loss By TGA : 0.42 %

% Potency : 97.53 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 0.42(Weight Loss By TGA)] x [97.94(HPLC Purity)]/100 = 97.53 %
-Re-tested on 07.11.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		07/11/2025

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