

CERTIFICATE OF ANALYSIS

(Certificate No. KMI007035-01)

Release Date: 03/10/2025

Re-test Date: 02/10/2028

1-Hydroxy Ivabradine Impurity

Identification

Chemical Name :

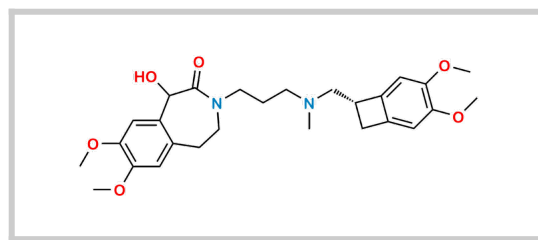
3-(3-(((S)-3,4-Dimethoxybicyclo[4.2.0]octa-1,3,5-trien-7-yl)methyl)(methyl)amino)propyl)-1-hydroxy-7,8-dimethoxy-1,3,4,5-tetrahydro-2H-benzo[d]azepin-2-one

CAT No. : KMI007035

CAS No. : 2511244-96-3

Molecular Formula : C₂₇H₃₆N₂O₆

Molecular Weight : 484.6



Analytical Information

Batch No. : I007035-102-309

Description : Off white solid

HPLC Purity : 92.65 %

Weight Loss By TGA : 1.76 %

% Potency : 91.02 %

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 - 1.76(Weight Loss By TGA)] x [92.65(HPLC Purity)]/100 = 91.02 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		03/10/2025

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