CERTIFICATE OF ANALYSIS

(Certificate No. KMB007048-01)

Release Date: 22/09/2025 **Re-test Date:** 21/09/2028

BILASTINE N-OXIDE IMPURITY

Identification

Chemical Name :
1-(4-(2-Carboxypropan-2-yl)phenethyl)-4-(1-(2-ethoxyethyl)-1H-benzo[d]imidazol-2-yl)piperidine 1-oxide

CAT No. : KMB007048

CAS No. : 2069238-47-5

Molecular Formula : C28H37N3O4

Molecular Weight : 479.6



Analytical Information

Batch No. : SL-AMG-301-038

Description : Off White Solid

HPLC Purity : 98.35 %

Weight Loss By TGA : 1.71 %

% Potency : 96.67 %

Solubility : DMSO and Methanol

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 - 1.71(Weight Loss By TGA)] x [98.35(HPLC Purity)]/100 = 96.67 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/09/2025
Reviewed & Approved By	Quality Control	Jatin Patel		22/09/2025

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