

CERTIFICATE OF ANALYSIS

(Certificate No. KMB001080-01)

Release Date: 16/12/2024

Re-test Date: 15/12/2027

Brexpiprazole N-Oxide

Identification

Chemical Name :

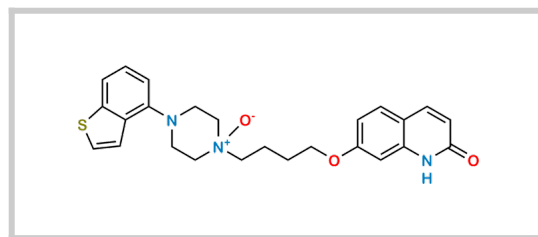
4-(Benzo[b]thiophen-4-yl)-1-(4-((2-oxo-1,2-dihydroquinolin-7-yl)oxy)butyl)piperazine 1-oxide

CAT No. : KMB001080

CAS No. : 1191900-58-9

Molecular Formula : C₂₅H₂₇N₃O₃S

Molecular Weight : 449.6



Analytical Information

Batch No. : B001080-091-085

Description : Off White Solid

HPLC Purity : 99.81 %

Weight Loss By TGA : 2.32 %

% Potency : 97.49 %

Solubility : 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 - 2.32(Weight Loss By TGA)] x [99.81(HPLC Purity)]/100 = 97.49 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		17/12/2024

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