

CERTIFICATE OF ANALYSIS

(Certificate No. KMB001066-01)

Release Date: 03/05/2025

Re-test Date: 02/05/2028

BREXPIRAZOLE STAGE-II STANDARD

Identification

Chemical Name :

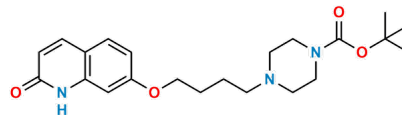
Tert-butyl 4-(4-((2-oxo-1,2-dihydroquinolin-7-yl)oxy)butyl)piperazine-1-carboxylate

CAT No. : KMB001066

CAS No. : 2081876-02-8

Molecular Formula : C₂₂H₃₁N₃O₄

Molecular Weight : 401.5



Analytical Information

Batch No. : B001066-102-009

Description : Off White Solid

HPLC Purity : 96.07 %

Weight Loss By TGA : 3.16 %

% Potency : 93.03 %

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 - 3.16(Weight Loss By TGA)] x [96.07(HPLC Purity)]/100 = 93.03 %

-As per customer complain re-evaluate potency on 18.09.2025.

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/09/2025
Reviewed & Approved By	Quality Control	Jatin Patel		18/09/2025

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