CERTIFICATE OF ANALYSIS

(Certificate No. KMB001066-01)

Release Date: 03/05/2025 **Re-test Date:** 02/05/2028

BREXPIPRAZOLE STAGE-II STANDARD

Identification

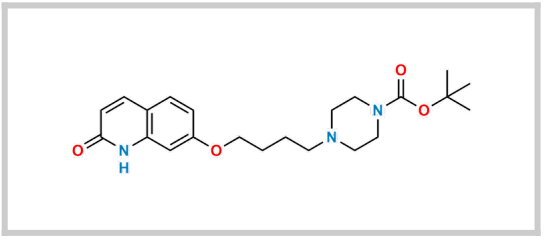
Chemical Name :
Tert-butyl 4-(4-((2-oxo-1,2-dihydroquinolin-7-yl)oxy)butyl)piperazine-1-carboxylate

CAT No. : KMB001066

CAS No. : 2081876-02-8

Molecular Formula : C22H31N3O4

Molecular Weight : 401.5



Analytical Information

Batch No.	: B001066-102-009	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 96.07 %	**IR**	: Confirm
Weight Loss By TGA	: 3.16 %	**1H NMR**	: Confirm
% Potency	: 93.03 %		

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