# **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:**

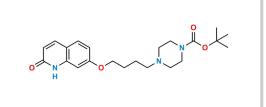
Tert-butyl 4-(4-((2-oxo-1,2-dihydroquinolin-7-yl)oxy)butyl)piperazine-1-carboxylate

**CAT No.** : KMB001066

**CAS No.** : 2081876-02-8

Molecular Formula : C22H31N3O4

**Molecular Weight** : 401.5



## **Analytical Information**

Batch No. : B001066-102-009 Solubility : Acetonitrile

**HPLC Purity** : 96.07 % **IR** : Confirm

Weight Loss By TGA : 1.25 % 1H NMR : Confirm

**% Potency** : 94.87 %

### **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 - 1.25(Weight Loss By TGA)] x [96.07(HPLC Purity)]/100 = 94.87 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		03/05/2025

 $\textbf{Attachments} \quad : \mathsf{COA}, \, \mathsf{HPLC}, \, \mathsf{MASS}, \, \mathsf{1HNMR}, \, \mathsf{IR} \, \mathsf{and} \, \mathsf{TGA}$