

## CERTIFICATE OF ANALYSIS

(Certificate No. KMB001027-01)

**Release Date:** 29/05/2025

**Re-test Date:** 28/05/2028

# BREXPIRAZOLE PIPERAZINE QUINOLINE

## Identification

**Chemical Name :**

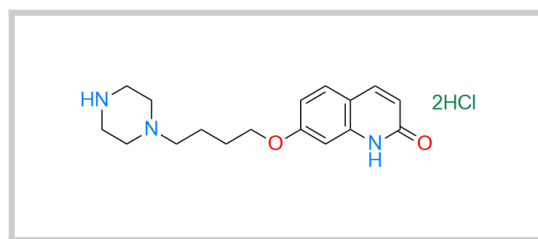
7-(4-(piperazin-1-yl)butoxy)quinolin-2(1H)-one dihydrochloride

CAT No. : KMB001027

**CAS No.** : 1849603-59-3

**Molecular Formula** : C17H23N3O2 : 2HCl

**Molecular Weight** : 301.4 : 72.9



## Analytical Information

**Batch No.** : BRX-ST-IIIA-030-146

**Solubility** : Methanol

**Description** : White Solid

**Mass** : Confirm

**HPLC Purity** : 96.85 %

IR : Confirm

**Weight Loss By TGA** : 1.24 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 95.65 %

### 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

$$\% \text{ Potency} = [100 - 1.24(\text{Weight Loss By TGA})] \times [96.85(\text{HPLC Purity})]/100 = 95.65 \%$$

-Re-tested on 29.05.2025

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		29/05/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		29/05/2025

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