CERTIFICATE OF ANALYSIS

(Certificate No. KMB001027-01)

Release Date: 29/05/2025 **Re-test Date:** 28/05/2028

BREXPIPRAZOLE PIPERAZINE QUINOLINE

Identification

Chemical Name:

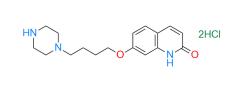
7-(4-(piperazin-1-yl)butoxy)quinolin-2(1H)-one dihydrochloride

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 : Confirm Mass **HPLC Purity** : 96.85 % IR : Confirm Weight Loss By TGA : 1.24 % 1H 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

% Potency = [100 - 1.24(Weight Loss By TGA)] x [96.85(HPLC Purity)]/100 = 95.65 %

-Re-tested on 29.05.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/05/2025

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