CERTIFICATE OF ANALYSIS

(Certificate No. KMB001027-01)

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

BREXPIPRAZOLE PIPERAZINE QUINOLINE

Identification

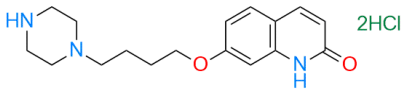
Chemical Name :
7-(4-(piperazin-1-yl)butoxy)quinolin-2(1H)-one dihydrochloride

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	**Mass**	: Confirm
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