CERTIFICATE OF ANALYSIS

(Certificate No. KMB001034-01)

Release Date: 03/11/2026 **Re-test Date:** 02/11/2029

N-Alkyl Brexpiprazole

Identification

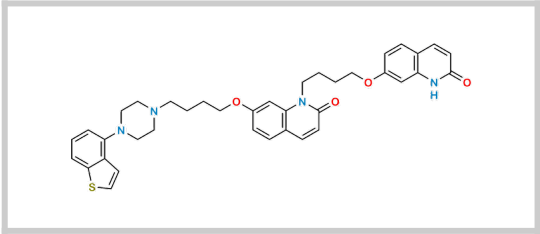
Chemical Name :
7-(4-(4-(Benzo[b]thiophen-4-yl)piperazin-1-yl)butoxy)-1-(4-((2-oxo-1,2-dihydroquinolin-7-yl)oxy)butyl)quinolin-2(1H)-one

CAT No. : KMB001034

CAS No. : 2094559-58-5

Molecular Formula : C38H40N4O4S

Molecular Weight : 648.8



Analytical Information

Batch No.	: B001034-136-328	**Solubility**	: ACN : Methanol
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 91.50 %	**IR**	: Confirm
Weight Loss By TGA	: 1.09 %	**1H NMR**	: Confirm
% Potency	: 90.5 %	**13C NMR**	: Confirm

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 - 1.09(Weight Loss By TGA)] x [91.50(HPLC Purity)]/100 = 90.5 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/11/2026
Reviewed & Approved By	Quality Control	Jatin Patel		03/11/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA