

CERTIFICATE OF ANALYSIS

(Certificate No. KMQ001037-01)

Release Date: 17/02/2026

Re-test Date: 16/02/2029

Quetiapine EP Impurity C

Identification

Chemical Name :

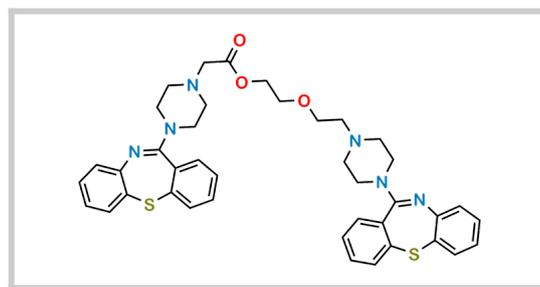
2-[2-[4-(Dibenzo[b,f][1,4]thiazepin-11-yl)piperazin-1-yl]ethoxy]ethyl 2-[4-(dibenzo[b,f][1,4]thiazepin-11-yl)piperazin-1-yl]acetate (as per EP)

CAT No. : KMQ001037

CAS No. : 1798840-31-9

Molecular Formula : C40H42N6O3S2

Molecular Weight : 718.9



Analytical Information

Batch No. : Q001037-114-162

Description : Off White Solid

HPLC Purity : 97.16 %

Weight Loss By TGA : 0.97 %

% Potency : 96.22 %

Solubility : ACN : Water (1:1)

Mass : Confirm

IR : Confirm

¹H 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 - 0.97(Weight Loss By TGA)] x [97.16(HPLC Purity)]/100 = 96.22 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		18/02/2026

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