

CERTIFICATE OF ANALYSIS

(Certificate No. KMQ001005-01)

Release Date: 21/02/2024

Re-test Date: 20/02/2027

Quetiapine Fumarate

Identification

Chemical Name :

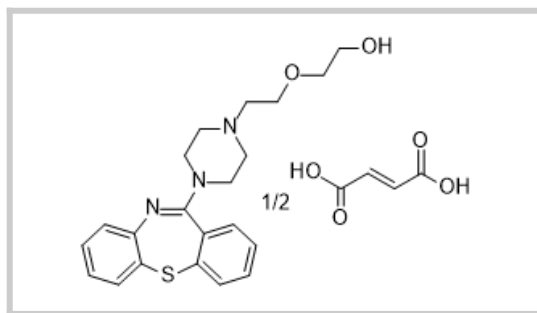
2-(2-(4-(dibenzo[b,f][1,4]thiazepin-11-yl)piperazin-1-yl)ethoxy)ethanol fumarate

CAT No. : KMQ001005

CAS No. : 111974-72-2

Molecular Formula : C₂₁H₂₅N₃O₂S : 1/2(C₄H₄O₄)

Molecular Weight : 383.5 : 1/2(116.1)



Analytical Information

Batch No. : QUE-PRS-073-085

Description : White Solid

HPLC Purity : 99.65 %

Weight Loss By TGA : 0.09 %

% Potency : 99.56 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 0.09(Weight Loss By TGA)] x [99.65(HPLC Purity)]/100 = 99.56 %

Remarks : ¹³C NMR added on 28.06.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		12/07/2024

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