

CERTIFICATE OF ANALYSIS

(Certificate No. KMQ001016-01)

Release Date: 24/08/2026

Re-test Date: 23/08/2029

Quetiapine Free Base

Identification

Chemical Name :

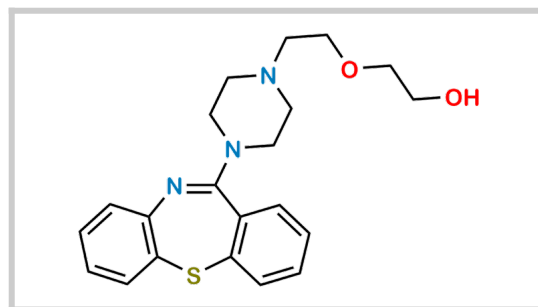
2-(2-(4-(dibenzo[b,f][1,4]thiazepin-11-yl)piperazin-1-yl)ethoxy)ethan-1-ol

CAT No. : KMQ001016

CAS No. : 111974-69-7

Molecular Formula : C₂₁H₂₅N₃O₂S

Molecular Weight : 383.5



Analytical Information

Batch No. : QUE/10/API/I/07

Description : Yellow Thick Syrup

HPLC Purity : 98.36 %

Weight Loss By TGA : 8.04 %

% Potency : 90.45 %

Solubility : Acetonitrile

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 - 8.04(Weight Loss By TGA)] x [98.36(HPLC Purity)]/100 = 90.45 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		24/08/2026

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