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CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

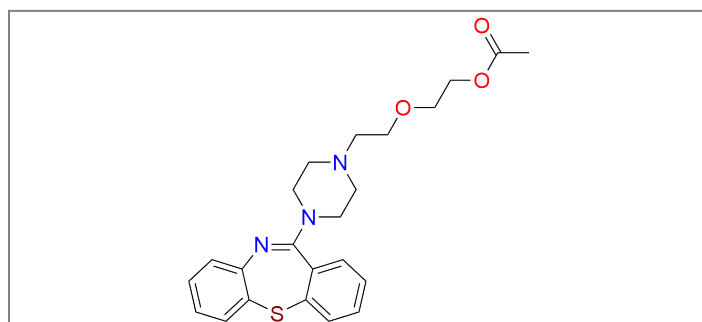
Re-test Date: Apr 2026

Product Name: Quetiapine EP Impurity A

Identification:

Chemical Name: 2-[2-(4-Dibenzo [b,f] [1,4]thiazepin-11-yl-1-piperazinyl)ethoxy]-ethyl acetate ; 11-[4-[2-(2-Acetoxyethoxy)ethyl]piperazin-1-yl]dibenzo[b,f][a,4]thiazepine

Synonyms : NA
CAS Number : 844639-07-2
CAT Number : CP-Q1001
Molecular Formula : C₂₃H₂₇N₃O₃S
Molecular Weight : 425.54
Batch Number : CP-QUE-A-0523
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Thick Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.85%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.