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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

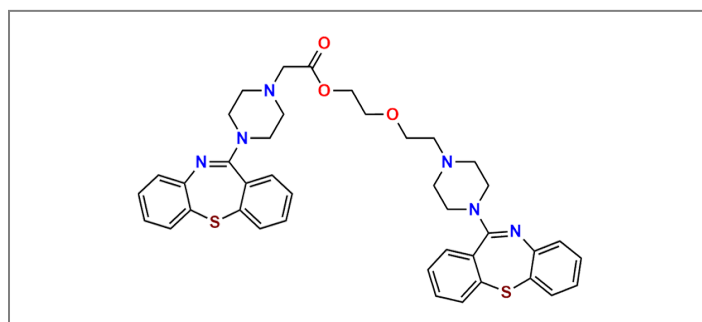
Re-test Date: Mar 2027

Product Name: 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)

Synonyms : NA
CAS Number : 1798840-31-9
CAT Number : CP-Q1003
Molecular Formula : C₄₀H₄₂N₆O₃S₂
Molecular Weight : 718.94
Batch Number : CP-QUE-C-0523
Storage Condition : Tightly closed, Inert atmosphere at -20° C
Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.49%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

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