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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

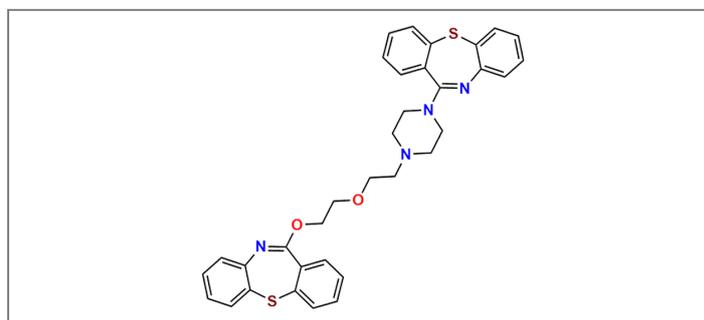
Re-test Date: Feb 2027

Product Name: Quetiapine EP Impurity W

Identification:

Chemical Name: 11-(4-[2-[2-(Dibenzo[b,f][1,4]thiazepin-11-yloxy)ethoxy]ethyl]piperazin-1-yl)dibenzo[b,f][1,4]thiazepine (as per EP)

Synonyms : NA
CAS Number : 1800608-95-0
CAT Number : CP-Q1023
Molecular Formula : C₃₄H₃₂N₄O₂S₂
Molecular Weight : 592.77
Batch Number : CP-QUE-W-0623
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	Green to Gray Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.63%
5)	¹ HNMR	Confirm to structure



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.