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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2023

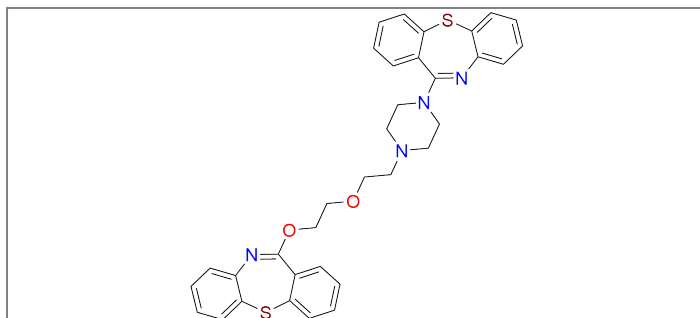
Re-test Date: May 2025

**Product Name: Quetiapine EP Impurity W**

### Identification:

Chemical Name: 11-(2-(2-(4-(dibenzo[b,f][1,4]thiazepin-11-yl)piperazin-1-yl)ethoxy)ethoxy)dibenzo[b,f][1,4]thiazepine

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	98.44%
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.