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CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

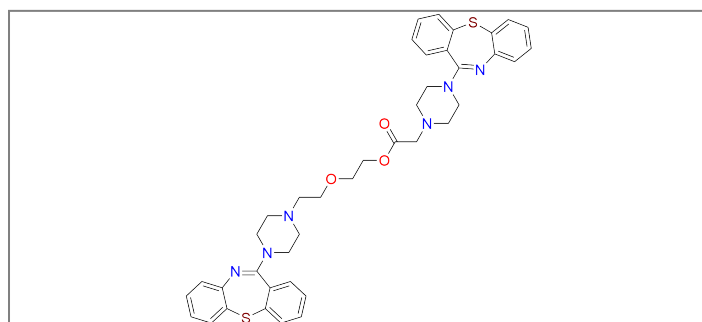
Re-test Date: Apr 2025

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

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	97.61%
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.