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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

Re-test Date: Jan 2027

Product Name: Quetiapine EP Impurity J

Identification:

Chemical Name: 2-(2-{2-[2-(4-Dibenzo [b, f] [1, 4] thiazepin-11-yl)-piperazin-1-yl]-ethoxy}-ethoxy)-ethoxy)-ethanol

Synonyms : Quetiapine Triether Alcohol ;
Quetiapine
Hydroxyethoxyethyl Ether

CAS Number : 1356906-17-6

CAT Number : CP-Q1010

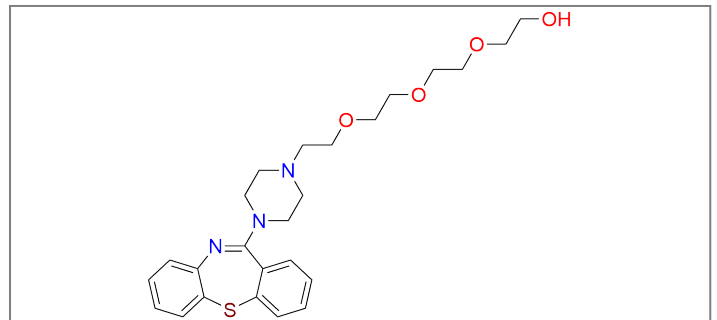
Molecular Formula : C₂₅H₃₃N₃O₄S

Molecular Weight : 471.62

Batch Number : CP-QUE-J-0224

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 Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.6%
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.