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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

Re-test Date: Jan 2027

Product Name: Quetiapine EP Impurity K

Identification:

Chemical Name: N-[2-[[2-[[4-[2-(2-Hydroxyethoxy)ethyl]piperazin-1-yl]carbonyl]phenyl]sulfanyl]phenyl]acetamide (as per EP)

Synonyms : NA

CAS Number : 1371638-10-6

CAT Number : CP-Q1011

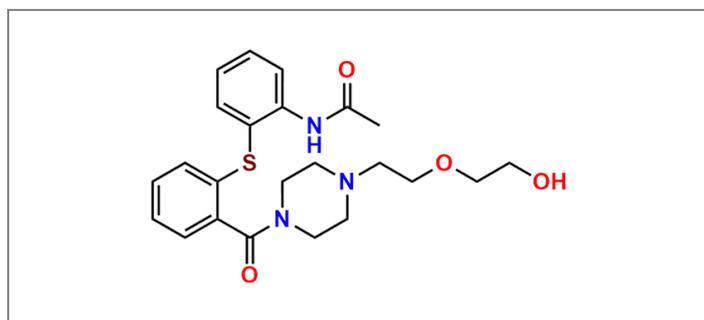
Molecular Formula : C₂₃H₂₉N₃O₄S

Molecular Weight : 443.56

Batch Number : QTPN311

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	Yellow Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.48%
5)	¹ H NMR	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.