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CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

Re-test Date: Apr 2026

Product Name: Quetiapine EP Impurity F

Identification:

Chemical Name: [2-[(2-Aminophenyl)sulfanyl]phenyl][4-[2-(2-hydroxyethoxy)ethyl]piperazin-1-yl]methanone (as per EP)

Synonyms : NA

CAS Number : 848814-27-7

CAT Number : CP-Q1006

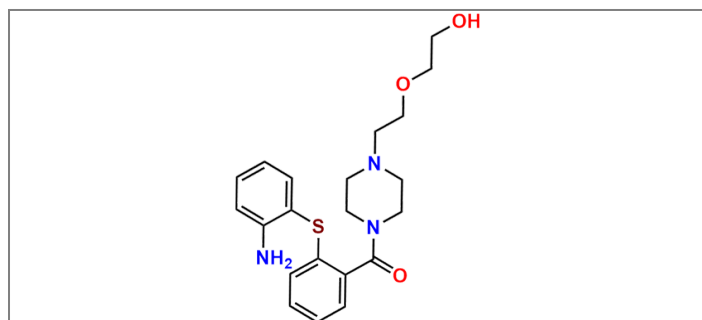
Molecular Formula : C₂₁H₂₇N₃O₃S

Molecular Weight : 401.52

Batch Number : CP-QUE-F-0523

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	Green Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.19%
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.