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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2023

Re-test Date: Nov 2026

Product Name: Quetiapine EP Impurity P

Identification:

Chemical Name: 11-(4-Ethylpiperazin-1-yl)dibenzo[b,f][1,4]thiazepine

Synonyms : N-Ethyl Quetiapine (USP)

CAS Number : 1011758-03-4

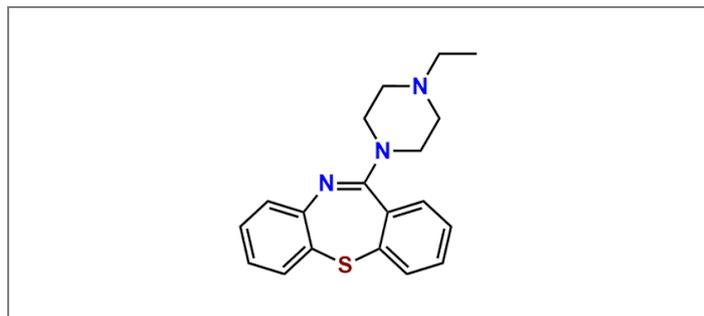
CAT Number : CP-Q1016

Molecular Formula : C₁₉H₂₁N₃S

Molecular Weight : 323.46

Batch Number : CP-QUE-P-0723

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.83%
5)	¹ HNMR	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.