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CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

Re-test Date: Apr 2025

Product Name: Quetiapine EP Impurity T

Identification:

Chemical Name: 11-(4-Morpholinyl)-dibenzo[b,f][1,4]thiazepine; 4-(dibenzo[b,f][1,4]thiazepin-11-yl)morpholine

Synonyms : NA

CAS Number : 5747-46-6

CAT Number : CP-Q1020

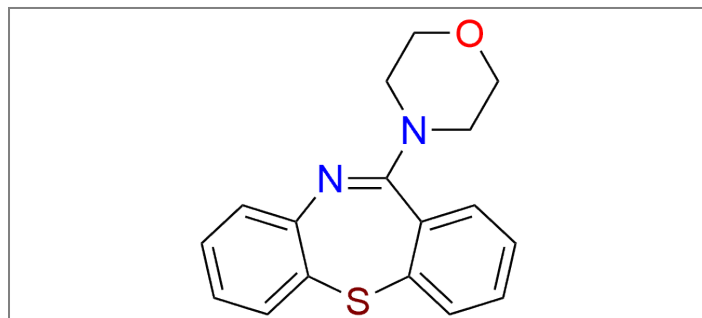
Molecular Formula : C₁₇H₁₆N₂O₂S

Molecular Weight : 296.39

Batch Number : CHEM-QUE-T

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	White To Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.78%
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.