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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2027

Product Name: Quetiapine EP Impurity T

Identification:

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

Synonyms : NA

CAS Number : 5747-46-6

CAT Number : CP-Q1020

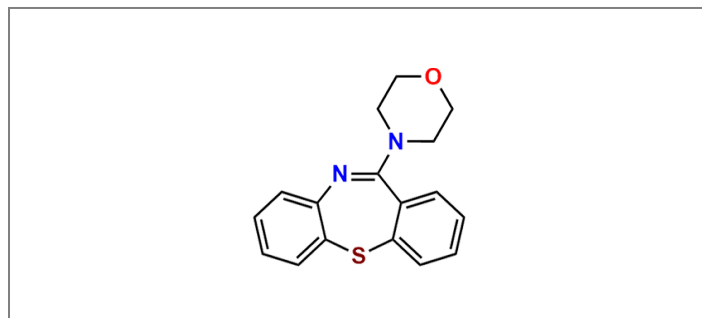
Molecular Formula : C₁₇H₁₆N₂O₂S

Molecular Weight : 296.39

Batch Number : CP-QUE-T-0225

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.87%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	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.