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CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

Re-test Date: Apr 2025

Product Name: Quetiapine 11 Chloro Impurity

Identification:

Chemical Name: Dibenzo[b,f][1,4]thiazepine-11-yl-chloride

Synonyms : Quetiapine DBTC Impurity

CAS Number : 13745-86-3

CAT Number : CP-Q1029

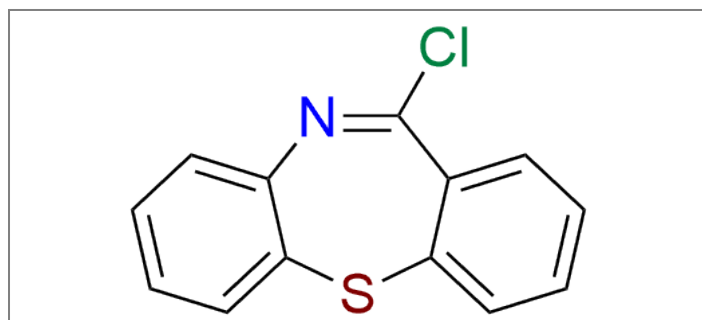
Molecular Formula : C₁₃H₈ClNS

Molecular Weight : 245.72

Batch Number : CP-QUE-DBTC-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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.12%
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.