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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

Product Name: Quetiapine EP Impurity D

Identification:

Chemical Name: 11,11'-(piperazine-1,4-diyl)bis(dibenzo[b,f][1,4]thiazepine)

Synonyms : Quetiapine Dimer Impurity ;
Quetiapine
Bis(dibenzothiazepinyl)
piperazine Impurity

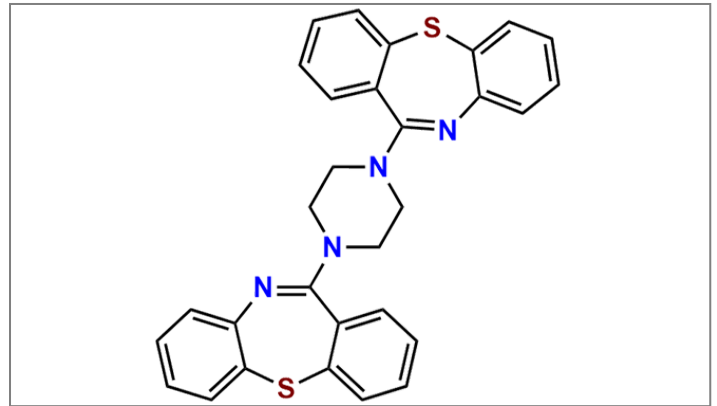
CAS Number : 945668-94-0

CAT Number : CP-Q1004

Molecular Formula : C₃₀H₂₄N₄S₂

Molecular Weight : 504.67

Batch Number : CP-QUE-D-0724



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	99.86%
5)	H1NMR	Confirm to structure

Prepared and Reviewed By

Approved By



Ms Priyanka Salunkhe
(Manager QC Analytical)

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.