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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

Product Name: N-Nitroso Quetiapine EP Impurity B

Identification:

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

Synonyms : N-Nitroso Quetiapine USP
Related Compound B ; N-Nitroso
N-Desalkyl Quetiapine

CAS Number : NA

CAT Number : CP-Q1030

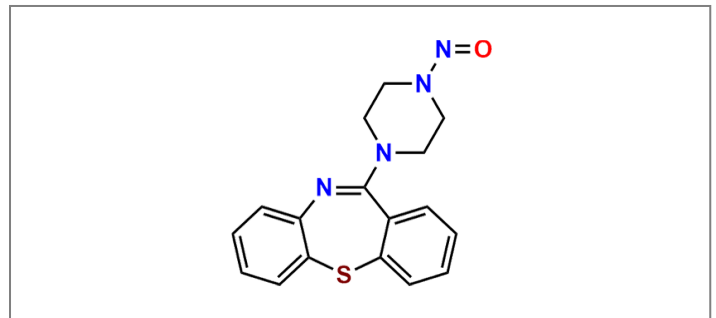
Molecular Formula : C₁₇H₁₆N₄O₂S

Molecular Weight : 324.40

Batch Number : CP-QUE-NITB-0723

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.79%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	0.134%
7)	Potency by TGA	98.65%



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.