

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2023

Re-test Date: May 2025

Product Name: Quetiapine EP Impurity H

Identification:

Chemical Name: 2-[2-(4-Dibenzo[b,f][1,4]thiazepin-11-yl)-1-piperazinyl]ethoxy]ethanol N-oxide

Synonyms : Quetiapine N-Oxide ; Quetiapine
USP Related Compound H

CAS Number : 1076199-40-0

CAT Number : CP-Q1008

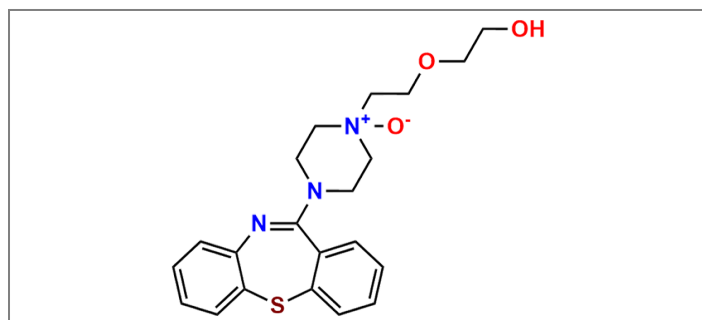
Molecular Formula : C₂₁H₂₅N₃O₃S

Molecular Weight : 399.51

Batch Number : CP-QUE-H-0623

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	Gray Highly Hygroscopic Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.17%
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.