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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Quetiapine EP Impurity O**

### Identification:

Chemical Name: 11-[4-[2-[2-(Triphenylmethoxy)ethoxy]ethyl]piperazin-1-yl]dibenzo[b,f][1,4]thiazepine (as per EP)

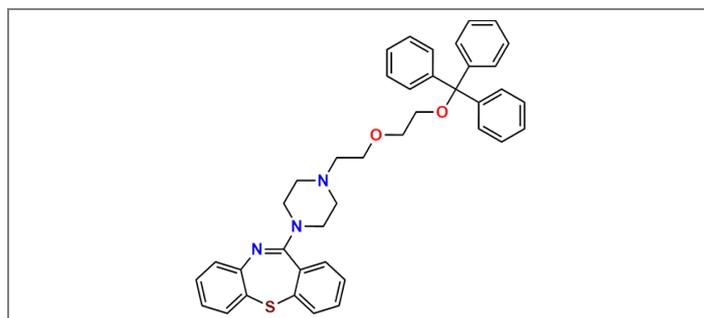
Synonyms : Quetiapine O-Trityl Impurity

CAS Number : 844639-06-1

CAT Number : CP-Q1015

Molecular Formula : C<sub>40</sub>H<sub>39</sub>N<sub>3</sub>O<sub>2</sub>S

Molecular Weight : 625.83



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

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