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CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

Re-test Date: Apr 2027

Product Name: Azelastine EP Impurity D

Identification:

Chemical Name: 2-[2-(4-Chlorophenyl)acetyl]benzoic acid (as per EP)

Synonyms : Azelastine USP Related
Compound D

CAS Number : 53242-88-9

CAT Number : CP-A61004

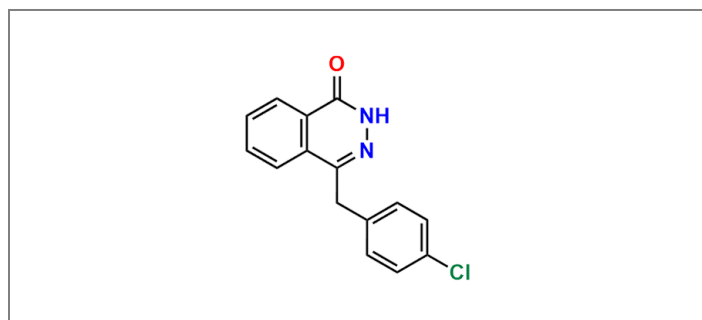
Molecular Formula : C₁₅H₁₁ClN₂O

Molecular Weight : 270.71

Batch Number : CP-AZE-D-0424

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:

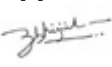
Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	95.86%
5)	¹ H NMR	Confirm to structure
6)	FT-IR	Confirm to Structure
7)	Weight loss by TGA	0.37%
8)	Potency	95.50%



Prepared and Reviewed By


Mr. Shubham Bondre
(Quality Control)

Approved By


Mr. Abhijit Kale
(Quality Assurance)

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