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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

Re-test Date: Aug 2027

**Product Name: Azelastine EP Impurity E**

### Identification:

Chemical Name: 3-[(4-Chlorophenyl)methylidene]-2-benzofuran-1(3H)-one

Synonyms : Azelastine USP Related  
Compound E

CAS Number : 20526-97-0

CAT Number : CP-A61005

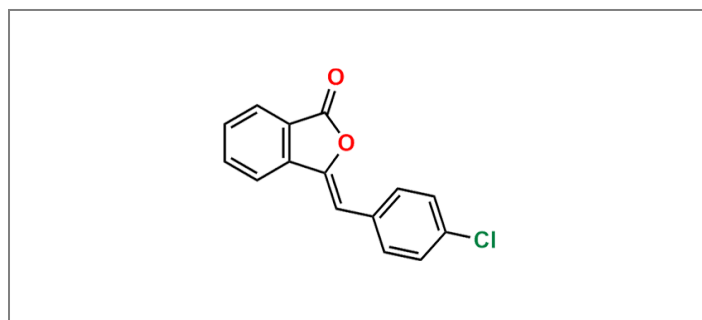
Molecular Formula : C<sub>15</sub>H<sub>9</sub>ClO<sub>2</sub>

Molecular Weight : 256.68

Batch Number : CP-AZE-E-0924

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	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	99.66%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	FT-IR	Confirm to Structure
7)	Weight loss by TGA	0.493%
8)	Potency	99.16%



### 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.