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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2023

Re-test Date: Mar 2026

**Product Name: Carbamazepine EP Impurity E**

### Identification:

Chemical Name: 10,11-dihydro-5H-dibenzo[b,f]azepine

Synonyms : Iminodibenzyl (USP)

CAS Number : 494-19-9

CAT Number : CP-C8005

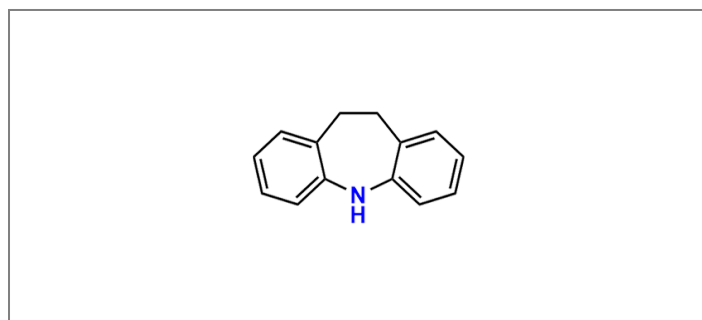
Molecular Formula : C<sub>14</sub>H<sub>13</sub>N

Molecular Weight : 195.26

Batch Number : CHEM-CAR-E

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 By LCMS	Confirm to structure
4)	Purity By HPLC	99.85%
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.