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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2023

Re-test Date: Mar 2026

**Product Name: Donepezil EP Impurity E**

### Identification:

Chemical Name: 1-Benzyl-4-((5,6-dimethoxy-1-oxo-2,3-dihydro-1H-inden-2-yl)methyl)pyridin-1-ium bromide

Synonyms : NA

CAS Number : 231283-82-2

CAT Number : CP-D2005

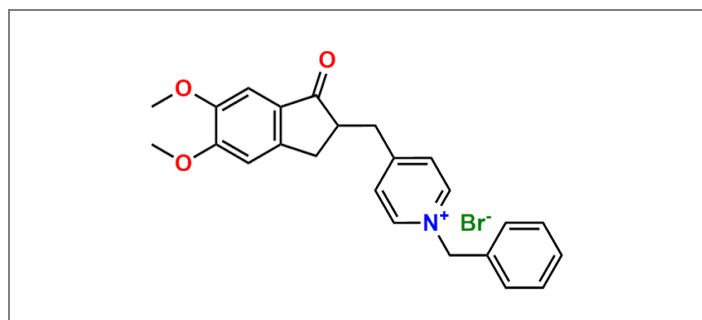
Molecular Formula : C<sub>24</sub>H<sub>24</sub>NO<sub>3</sub> : Br

Molecular Weight : 374.5 : 79.9

Batch Number : NC/004/PS/116

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 to Pale Brown Solid |
| 2)      | Solubility     | Soluble in Methanol/DMSO      |
| 3)      | MASS By LCMS   | Confirm to structure          |
| 4)      | Purity By HPLC | 94.11%                        |
| 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.