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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

**Product Name: Dehydrodeoxy Donepezil**

### Identification:

Chemical Name: 1-Benzyl-4-[(5,6-dimethoxyinden-2-yl)methyl] piperidine

Synonyms : Donepezil Indene Impurity

CAS Number : 120013-45-8

CAT Number : CP-D2010

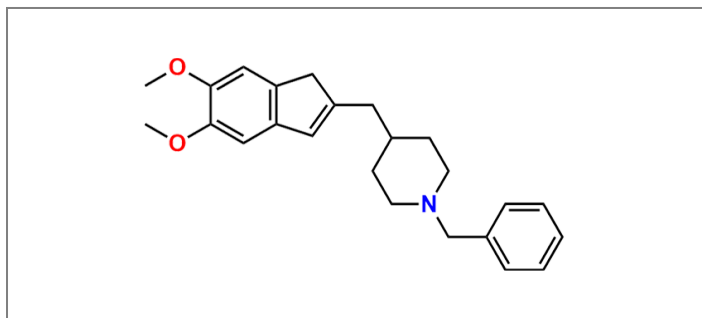
Molecular Formula : C<sub>24</sub>H<sub>29</sub>NO<sub>2</sub>

Molecular Weight : 363.49

Batch Number : CP-DON-DEH-0125

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	100%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	<sup>13</sup> CNMR	Confirm to Structure
7)	FT-IR	Confirm to Structure



### 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.