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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2023

Re-test Date: Jun 2026

Product Name: Donepezil EP Impurity F

Identification:

Chemical Name: (E)-2-[(1-Benzylpiperidin-4-yl)methylene]-5,6-dimethoxyindan-1-one

Synonyms : Donepezil USP Related
Compound A ; (E)-Dehydro
Donepezil

CAS Number : 145546-80-1

CAT Number : CP-D2008

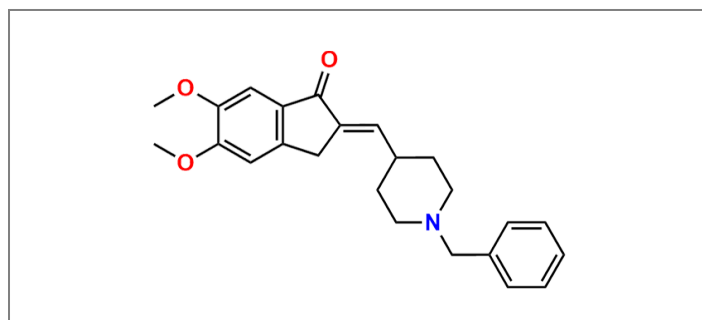
Molecular Formula : C₂₄H₂₇NO₃

Molecular Weight : 377.48

Batch Number : CP-DON-F-0723

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	97.37%
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.