

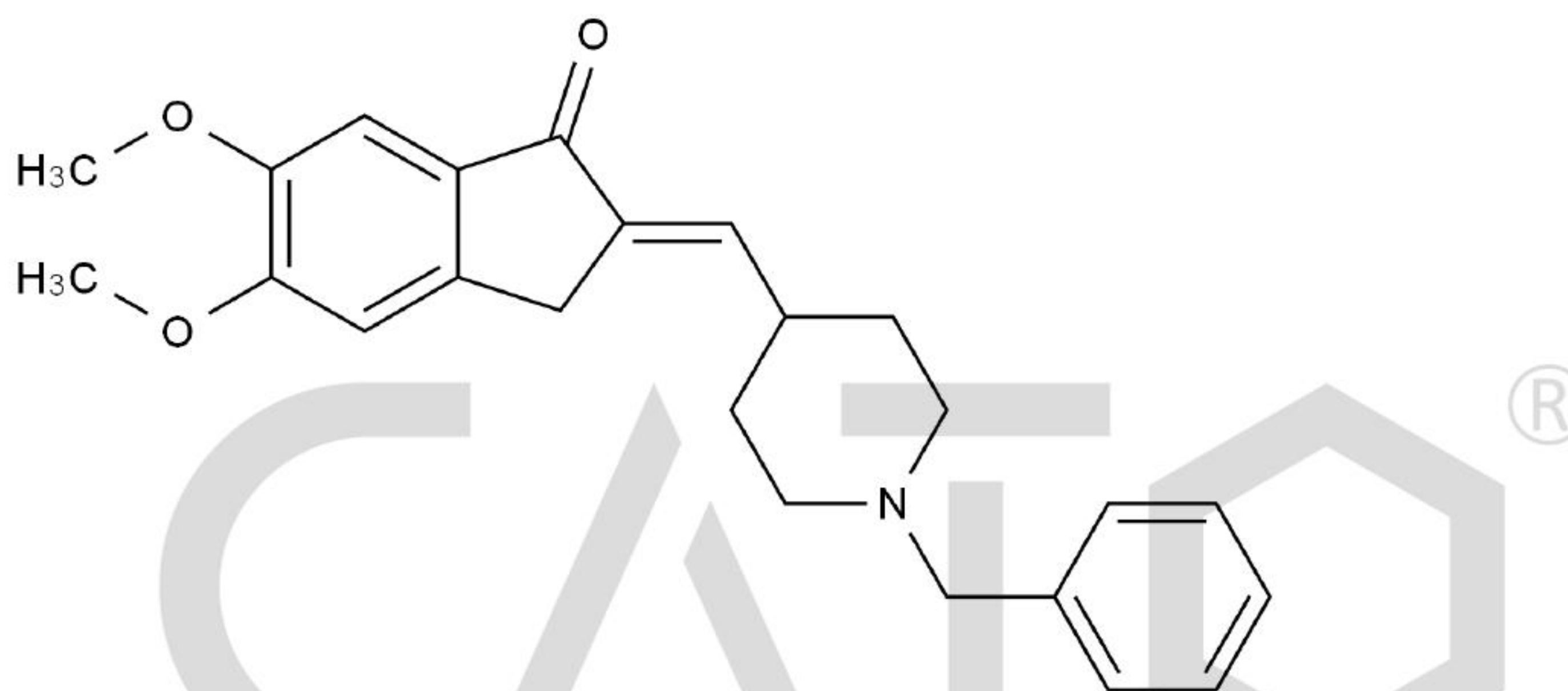
Certificate of Analysis

Reference Material & Standard

Product Name:	Donepezil EP impurity F	Catalogue Number:	C4X-103924
Synonyms:	Donepezil Related Compound A	Lot Number:	0619-RG-0074
CAS Number:	145546-80-1	Expiry Date:	Jun 18, 2028
Molecular Formula:	C ₂₄ H ₂₇ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	377.48	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.738%
Residue on Ignition	TGA	0.4373%
Loss On Drying	TGA	0.0323%
Assay		95.3%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Reviewed by:

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Approved by General Manager:

David

Date: Jun 20, 2025

Date: Jun 23, 2025

Date: Jun 23, 2025

