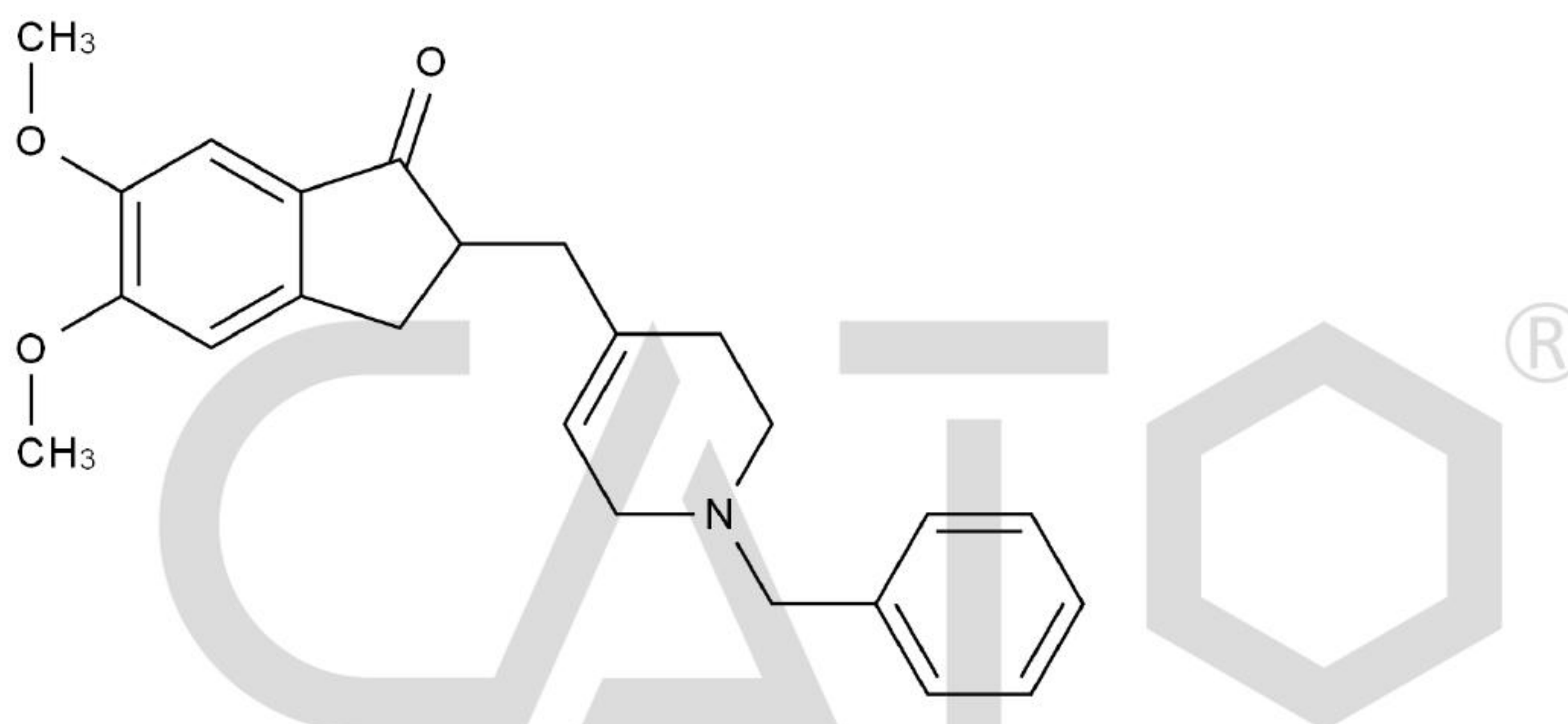


Certificate of Analysis

Reference Material & Standard

Product Name:	Donepezil Impurity 56	Catalogue Number:	C4X-103956
Synonyms:	N/A	Lot Number:	1230-RG-0033
CAS Number:	608511-44-0	Expiry Date:	Jan 03, 2030
Molecular Formula:	C ₂₄ H ₂₇ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	377.48	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.326%
Loss On Drying	TGA	0.5808%
Assay		96.8%

Comment:

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

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

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hin Lam

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 04, 2026

Date: Jan 04, 2026

Date: Jan 04, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

