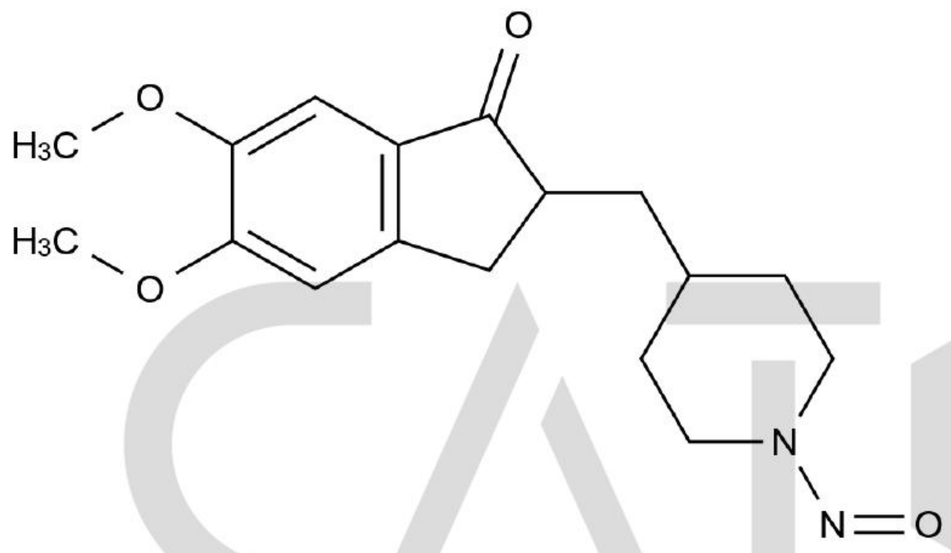
Certificate of Analysis

Reference Material & Standard

Product Name:	Donepezil Impurity 67	**Catalogue Number:**	C4X-103967
Synonyms:	N/A	**Lot Number:**	0402-RG-0088
CAS Number:	3069884-01-8	**Expiry Date:**	Apr 09, 2028
Molecular Formula:	$C_{17}H_{22}N_2O_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	318.37	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.0017%
Assay		100.0%

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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: Alice Date: Apr 10, 2025

Reviewed by: Koi Date: Apr 10, 2025

Approved by General Manager: David Date: Apr 10, 2025

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