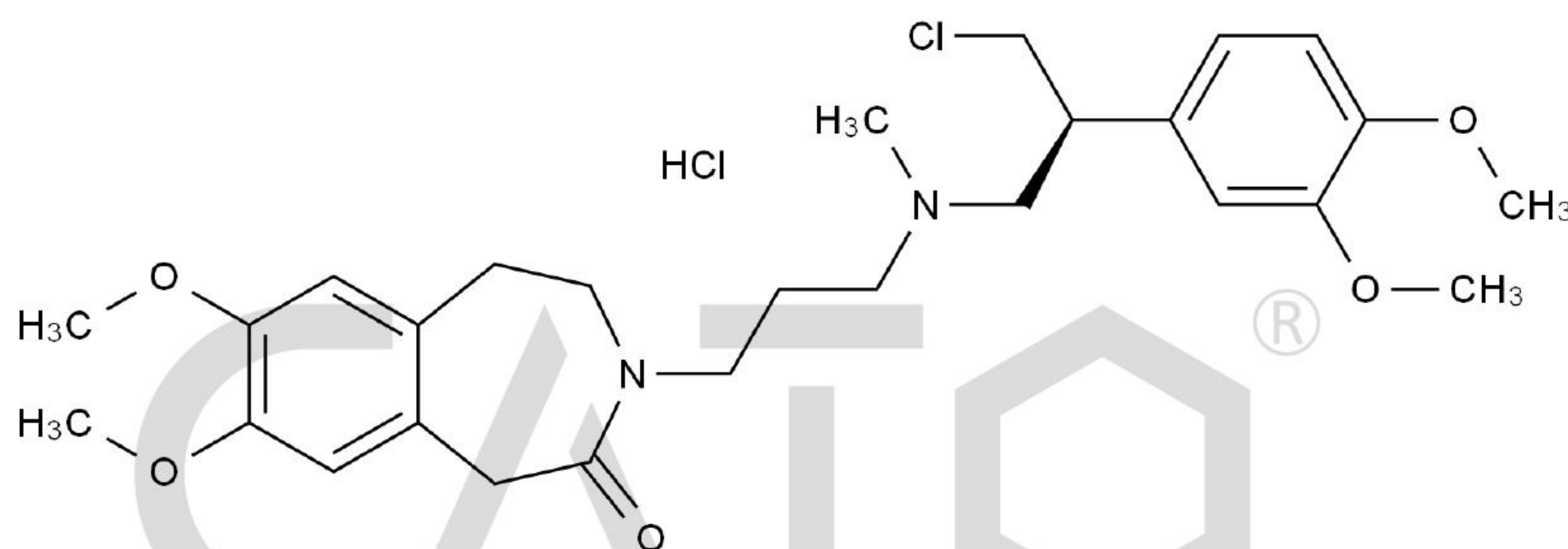


Certificate of Analysis

Reference Material & Standard

Product Name:	Ivabradine Impurity 46	Catalogue Number:	C4X-111946
Synonyms:	N/A	Lot Number:	0623-RG-0026
CAS Number:	2768438-46-4(free base)	Expiry Date:	Oct 16, 2028
Molecular Formula:	C ₂₇ H ₃₇ ClN ₂ O ₅ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	505.05 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	95.7%
Assay	qNMR	92.4%

Signature:

Prepared by:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 14, 2025

Date: Jul 14, 2025

Date: Jul 14, 2025



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