

Certificate of Analysis

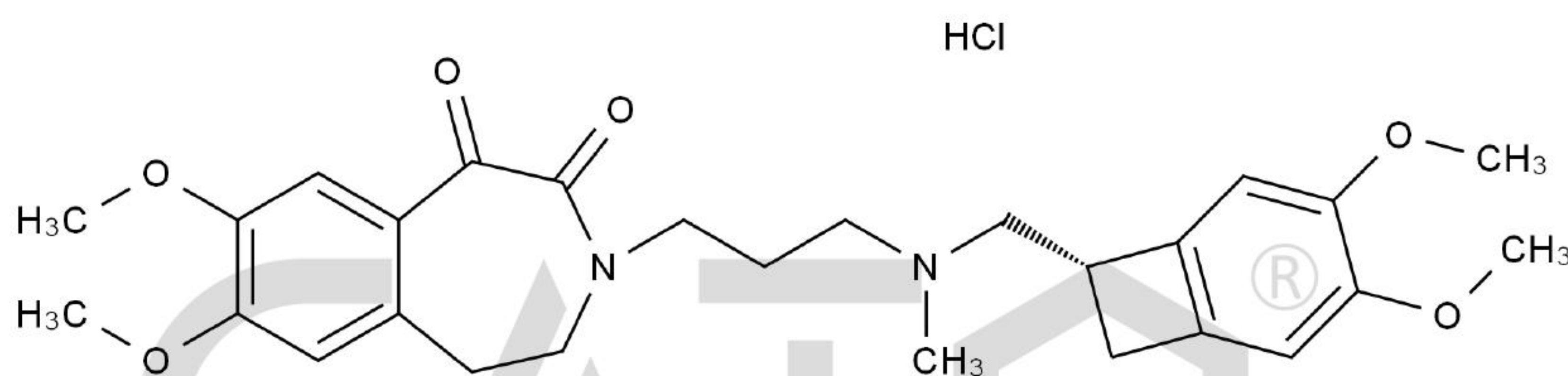
Reference Material & Standard

Product Name:	Ivabradine Impurity 10 HCl	Catalogue Number:	C4X-111910
Synonyms:	N/A	Lot Number:	0707-RH-0008
CAS Number:	1616710-50-9	Expiry Date:	Aug 26, 2029
Molecular Formula:	C ₂₇ H ₃₄ N ₂ O ₆ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	482.57 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.095%
Water Content	Karl Fischer	2.60%
Residual Solvents	NMR	0.19% acetic acid
Assay		95.4%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jul 08, 2026

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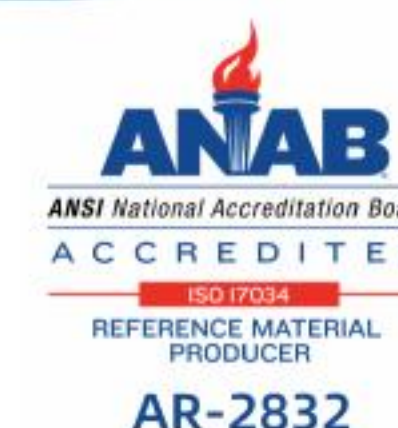
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