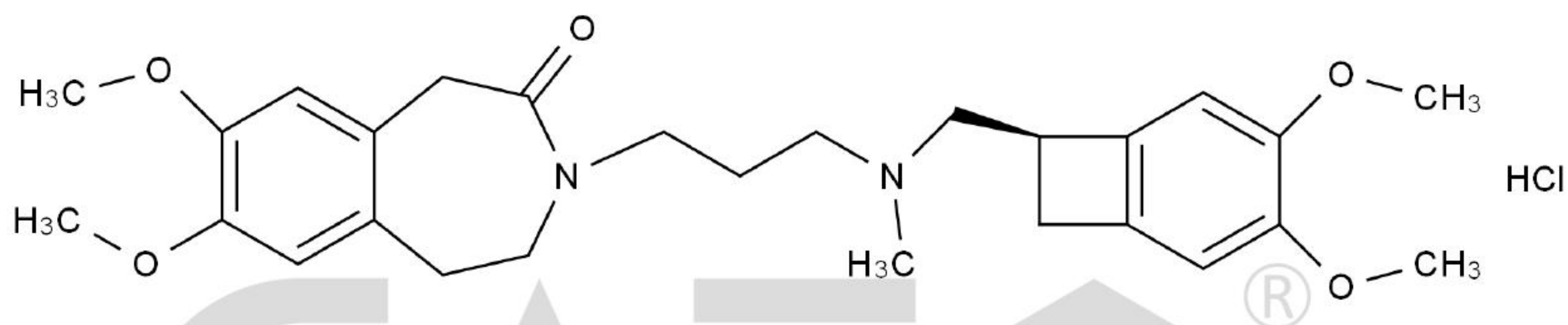


Certificate of Analysis

Reference Material & Standard

Product Name:	Ivabradine Impurity 2	Catalogue Number:	C4X-11192
Synonyms:	N/A	Lot Number:	0414-RG-0093
CAS Number:	148849-68-7	Expiry Date:	Sep 02, 2027
Molecular Formula:	C ₂₇ H ₃₆ N ₂ O ₅ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	468.59 36.46	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.1786%
Loss On Drying	TGA	0.902%
Assay		98.3%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 14, 2025

Date: Apr 15, 2025

Date: Apr 15, 2025

