

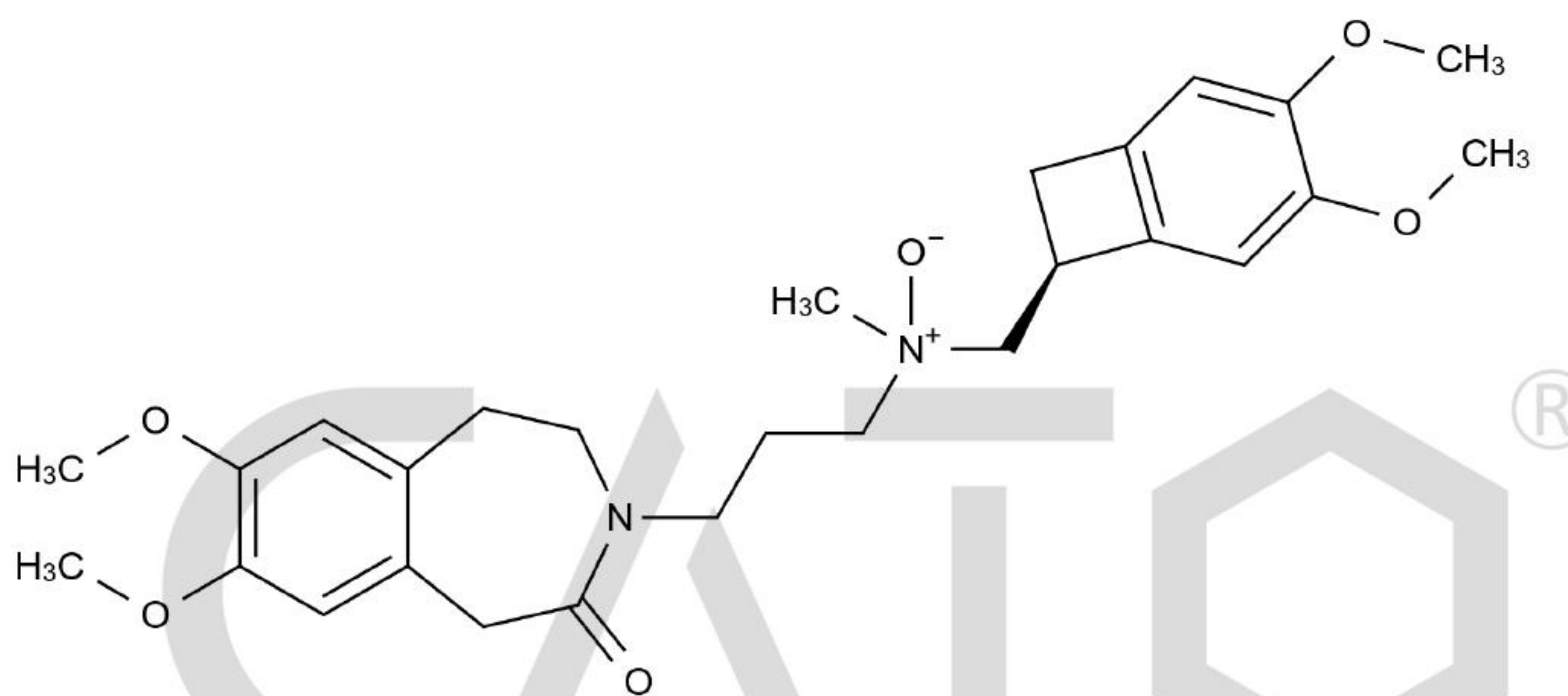
Certificate of Analysis

Reference Material & Standard

Product Name:	Ivabradine Impurity 42	Catalogue Number:	C4X-111942
Synonyms:	N/A	Lot Number:	1014-RF-0063
CAS Number:	2511244-97-4	Expiry Date:	Sep 19, 2026
Molecular Formula:	C27H36N2O6	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	484.58	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.239%
Water Content	Karl Fischer	5.30%
Residual Solvents	NMR	Not detected in NMR
Assay		93.0%

Comment:

The calculation of the 100% 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:

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Approved by General Manager:

David

Date: Oct 14, 2024

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