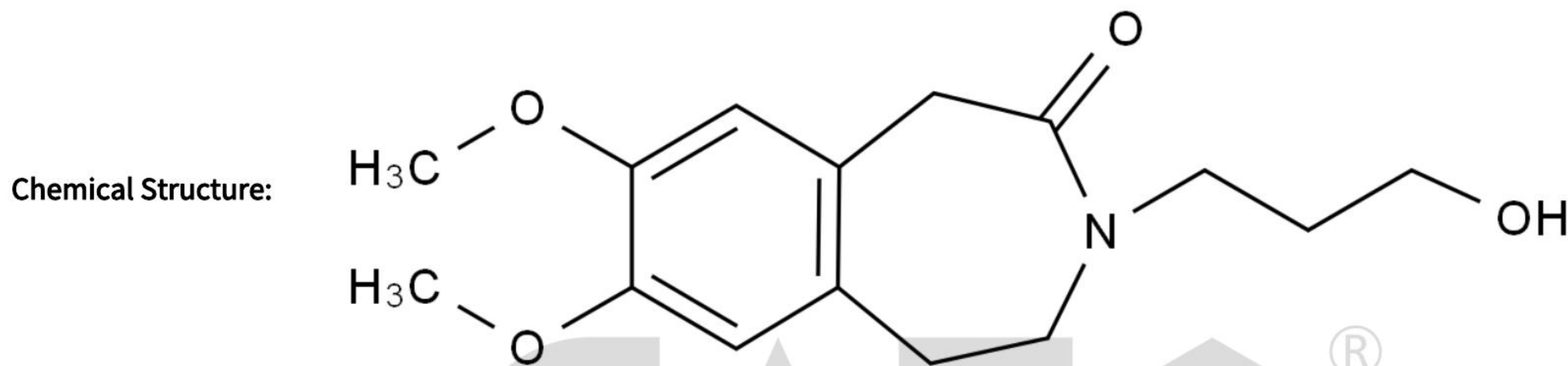


Certificate of Analysis

Reference Material

Product Name:	Ivabradine Impurity 21	Catalogue Number:	C4X-111921
Chemical Name:	N/A	Lot Number:	0628-RD-0053
CAS Number:	1235547-07-5	Expiry Date:	Jul 07, 2025
Molecular Formula:	C ₁₅ H ₂₁ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	279.33		



Test Items	Method	Results
Appearance	Visual inspection	Yellow Sticky Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.2%
Residual Solvents	NMR	1.66% dimethylformamide
Assay	qNMR	93.1%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Hinlam

Reviewed by:

Cady

Aporoved by General manager:

David

Date: Jul 08, 2022

Date: Jul 08, 2022

Date: Jul 08, 2022

