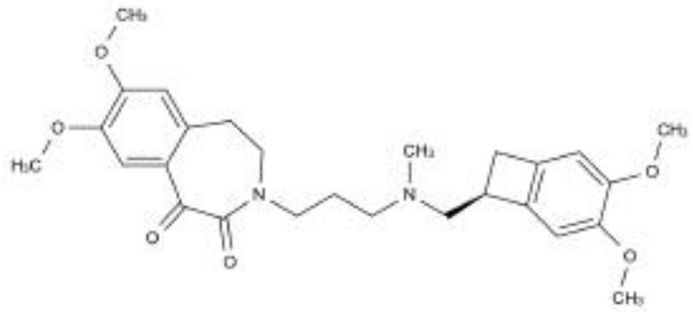
Certificate of Analysis

Reference Material & Standard

Product Name:	(S)-3-(3-((((3,4-Dimethoxybicyclo[4.2.0]octa-1(6),2,4-trien-7-yl)methyl)(methyl)amino)propyl)-7,8-dimethoxy-4,5-dihydro-1H-benzo[d]azepine-1,2(3H)-dione (Ivabradine Impurity)
Synonyms:	N/A
CAS Number:	1616710-52-1
Molecular Formula:	$C_{27}H_{34}N_2O_6$
Molecular Weight:	482.57

Catalogue Number:	C1352925
Lot Number:	0112-SA-7926
Expiry Date:	Jan 11, 27
Storage:	2°C ~ 8°C Protected from light and Sealed
Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	98.134%

CATO Research Chemicals Inc.

Signature:

Prepared by: Lisa — Date: Jan 12, 23

Reviewed by: Yuki — Date: Jan 12, 23

Approved by General Manager: David — Date: Jan 12, 23

CATO Research Chemicals Inc.

Directions:

1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.

2. Minimum sample size: 1mg is recommended as the minimum sample size.

3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.

4. Instructions for handling and correct use: Handling in a well-ventilated place.

Document Version:

Revision No.	Date	Reason for Revision
01	Jan 12, 23	First release.

CATO Research Chemicals Inc.