# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMI007077-01)

**Release Date:** 03/10/2025 **Re-test Date:** 02/10/2028

# **lvabradine Acid Impurity**

### **Identification**

#### **Chemical Name:**

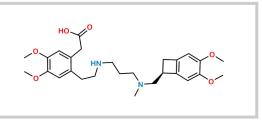
(S)-2-(2-((3-(((3,4-Dimethoxybicyclo[4.2.0]octa-1(6),2,4-trien-7-yl)methyl)(methyl)amino)propyl)amino)ethyl)-4,5-dimethoxyphenyl)acetic acid

**CAT No.** : KMI007077

**CAS No.** : 1462470-54-7

**Molecular Formula** : C27H38N2O6

**Molecular Weight** : 486.6



## **Analytical Information**

**Description** : Light Brown Semi Solid **Mass** : Confirm

**HPLC Purity** : 98.67 % **IR** : Confirm

 $\textbf{Weight Loss By TGA} \qquad : 0.12 \ \% \qquad \qquad \textbf{1H NMR} \qquad : Confirm$ 

**% Potency** : 98.55 %

### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition**: Product is stable to be Shipped at Room Temperature

**% Potency =** [100 - 0.12(Weight Loss By TGA)] x [98.67(HPLC Purity)]/100 = 98.55 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		03/10/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA