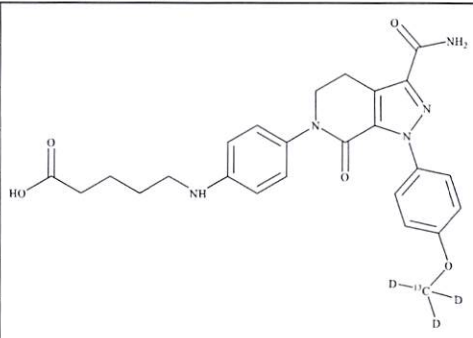


Certificate of Analysis



Certificate No.: 20260624004

Date: June 24, 2026

Retest date: June 23, 2029

Compound Name:	Apixaban Amino Acid Impurity- ¹³ C-d ₃	
Synonyms:	5-((4-(3-carbamoyl-1-(4-(methoxy- ¹³ C-d ₃)-phenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl)phenyl)amino)pentanoic acid	
TLC Catalogue Number:	A-102173	
CAS Number:	N/A	
Alternate CAS Number:	2206825-87-6 (non-labelled)	
Molecular Weight:	481.53	
Molecular Formula:	C ₂₄ ¹³ CH ₂₄ D ₃ N ₅ O ₅	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7441-083A2	
Storage Conditions:	Store at 2-8 °C	
Solubility:	DMSO, Acidic solution	

Test Description	Specifications	Results
Visual Description	Off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	98.0%
Impurity (HPLC)	RT 10.29, 0.22%; RT 10.86, 0.46%; RT 15.72, 0.67%	
Isotopic Enrichment	Not less than 98.0%	99.5% D; 99.0% ¹³C
Water Content (KF)	N/A	0.8%
Residual Solvents (NMR)	0.1% dichloromethane	
Assay (%)	Not less than 90.0%	97.1%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/24/2026
Approved by:	Quality Assurance		06/24/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.