

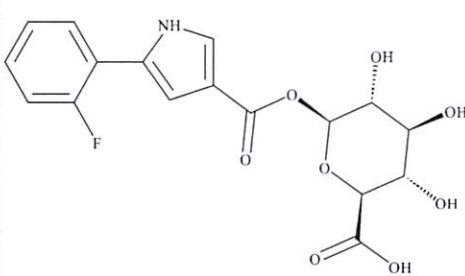
Certificate of Analysis

Certificate No.: **20250928005**



Date: September 28, 2025

Retest date: September 24, 2028

Compound Name: Vonoprazan Metabolite M-II-G	
Synonyms:	(2S,3S,4S,5R,6S)-6-((5-(2-fluorophenyl)-1H-pyrrole-3-carbonyl)oxy)-3,4,5-trihydroxytetrahydro-2H-pyran-2-carboxylic acid
TLC Catalogue Number:	V-051133
CAS Number:	N/A
Alternate CAS Number:	N/A
Molecular Weight:	381.31
Molecular Formula:	C ₁₇ H ₁₆ FNO ₈
Source:	TLC Pharmaceutical Standards
Source Lot No.:	6977-098A3
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO, solution of Water and Acetonitrile



Test Description	Specifications	Results
Visual Description	Pale brown 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%	97.3%
Impurity (HPLC)	RT 6.25, 0.57%; RT 6.86, 0.88%; RT 10.35, 0.54%	
Water Content (KF)	N/A	2.6%
Residual Solvents (NMR)	No residual solvent	
Assay (%)	Not less than 90.0%	94.8%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		10/01/2025
Approved by:	Quality Assurance		10/01/2025

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