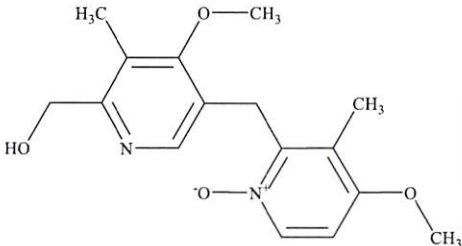


Certificate of Analysis



Certificate No.: 20260616011

Date: June 16, 2026

Retest date: June 12, 2029

Compound Name:	Ilaprazole Impurity 15	
Synonyms:	2-((6-(hydroxymethyl)-4-methoxy-5-methylpyridin-3-yl)methyl)-4-methoxy-3-methylpyridine 1-oxide	
TLC Catalogue Number:	I-053018	
CAS Number:	N/A	
Alternate CAS Number:	N/A	
Molecular Weight:	304.35	
Molecular Formula:	C ₁₆ H ₂₀ N ₂ O ₄	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7502-024A2	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Methanol, DMSO	

Test Description	Specifications	Results
Visual Description	White to 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%	99.4%
Impurity (HPLC)	RT 3.92, 0.10%; RT 19.13, 0.32%	
Water Content (KF)	N/A	0.2%
Residual Solvents (NMR)	0.8% tetrahydrofuran and 0.3% dichloromethane	
Assay (%)	Not less than 90.0%	98.1%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/16/2026
Approved by:	Quality Assurance		06/16/2026

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