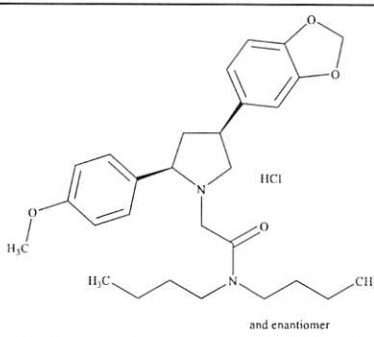


Certificate of Analysis



Certificate No.: 20260623012

Date: June 23, 2026

Retest date: June 22, 2029

Compound Name: Atrasentan Impurity 10 HCl		
Synonyms:	<i>rel</i> -2-((2R,4S)-4-(benzo[d][1,3]dioxol-5-yl)-2-(4-methoxyphenyl)pyrrolidin-1-yl)- <i>N,N</i> -dibutylacetamide, hydrochloride (1:1)	
TLC Catalogue Number:	A-399014	
CAS Number:	N/A	
Alternate CAS Number:	N/A	
Molecular Weight:	466.62 36.46	
Molecular Formula:	C ₂₈ H ₃₈ N ₂ O ₄ · HCl	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7501-024A6	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Methanol, DMSO, Ethanol, Acetonitrile	

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%	99.7%
Impurity (HPLC)	RT 8.55, 0.11%	
Water Content (KF)	N/A	0.3%
Residual Solvents (NMR)	No residual solvent	
Assay (%)	Not less than 90.0%	99.4%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/23/2026
Approved by:	Quality Assurance		06/23/2026

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