

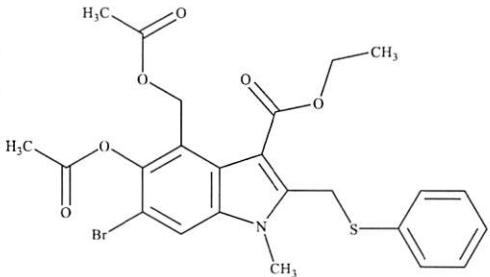
Certificate of Analysis

Certificate No.: 20250627001



Date: June 27, 2025

Retest date: June 20, 2028

Compound Name: Arbidol Impurity 24	
Synonyms:	ethyl 5-acetoxy-4-(acetoxymethyl)-6-bromo-1-methyl-2-((phenylthio)methyl)-1 <i>H</i> -indole-3-carboxylate
TLC Catalogue Number:	A-116031
CAS Number:	N/A
Alternate CAS Number:	N/A
Molecular Weight:	534.42
Molecular Formula:	C ₂₄ H ₂₄ BrNO ₆ S
Source:	TLC Pharmaceutical Standards
Source Lot No.:	6674-032A1
Storage Conditions:	Store at 2-8 °C
Solubility:	Solution of Methanol and Acetonitrile, DMSO



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%	99.5%
Impurity (HPLC)	RT 8.02, 0.28%	
Water Content (KF)	N/A	0.1%
Residual Solvents (NMR)	0.1% ethyl acetate	
Assay (%)	Not less than 90.0%	99.3%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/27/2025
Approved by:	Quality Assurance		06/27/2025

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