

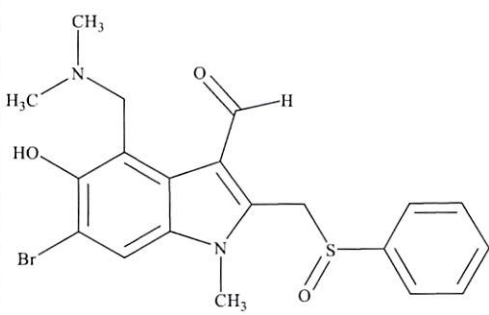
Certificate of Analysis

Certificate No.: **20250626003**



Date: June 26, 2025

Retest date: June 23, 2028

Compound Name: Arbidol Impurity 15	
Synonyms:	6-bromo-4-((dimethylamino)methyl)-5-hydroxy-1-methyl-2-((phenylsulfinyl)methyl)-1 <i>H</i> -indole-3-carbaldehyde
TLC Catalogue Number:	A-116002
CAS Number:	2749424-11-9
Alternate CAS Number:	N/A
Molecular Weight:	449.36
Molecular Formula:	C ₂₀ H ₂₁ BrN ₂ O ₃ S
Source:	TLC Pharmaceutical Standards
Source Lot No.:	6870-075A3
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO, Acetonitrile



Test Description	Specifications	Results
Visual Description	Pale brown solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.0%
Impurity (HPLC)	RT 3.55, 0.11%; RT 13.74, 0.53%; RT 18.73, 0.12%	
Water Content (KF)	N/A	0.4%
Residual Solvents (NMR)	1.0% ethyl acetate, 0.2% dichloromethane and 0.2% dimethyl sulfoxide	
Assay (%)	Not less than 90.0%	97.2%
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.