

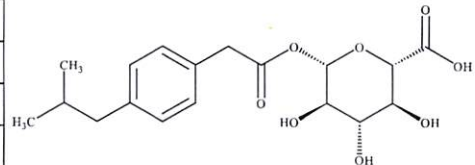
Certificate of Analysis

Certificate No.: 20260604003


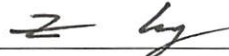
Date: June 4, 2026

Retest date: May 29, 2029

Compound Name: Ibufenac Acyl Glucuronide	
Synonyms:	(2S,3S,4S,5R,6S)-3,4,5-trihydroxy-6-(2-(4-isobutylphenyl)acetoxy)tetrahydro-2H-pyran-2-carboxylic acid
TLC Catalogue Number:	I-179002
CAS Number:	164669-89-0
Alternate CAS Number:	N/A
Molecular Weight:	368.38
Molecular Formula:	C ₁₈ H ₂₄ O ₈
Source:	TLC Pharmaceutical Standards
Source Lot No.:	7340-100A3
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO, DMF, solution of Acetonitrile and Water



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 90.0%	95.8%
Impurity (HPLC)	RT 0.91, 1.15%; RT 10.43, 1.11%; RT 10.66, 0.37%	
Residual Solvents (NMR)	0.3% acetonitrile	
Assay (qNMR)	Not less than 80.0%	83.7%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/04/2026
Approved by:	Quality Assurance		06/04/2026

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