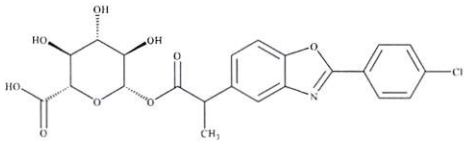


Certificate of Analysis



 Certificate No.: **20260624001**

Date: June 24, 2026

Retest date: June 22, 2029

Compound Name:	Benoxaprofen Acyl Glucuronide (Mixture of Diastereomers)	
Synonyms:	(2S,3S,4S,5R,6S)-6-((2-(2-(4-chlorophenyl)benzo[d]oxazol-5-yl)propanoyl)oxy)-3,4,5-trihydroxytetrahydro-2H-pyran-2-carboxylic acid	
TLC Catalogue Number:	B-271003	
CAS Number:	67472-42-8	
Alternate CAS Number:	N/A	
Molecular Weight:	477.85	
Molecular Formula:	C ₂₂ H ₂₀ ClNO ₉	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7484-046A15	
Storage Conditions:	Hygroscopic, store at 2-8 °C	
Solubility:	Methanol, DMSO	

Test Description	Specifications	Results
Visual Description	Off-white solid	Conforms
Identification IR MS ¹ H NMR	Conforms to structure Conforms to structure Conforms to structure	Conforms Conforms Conforms
Purity (HPLC)	Not less than 95.0%	98.6%
Impurity (HPLC)	RT 0.88, 0.80%; RT 9.30, 0.25%; RT 11.69, 0.24%	
Water Content (KF)	N/A	1.2%
Residual Solvents (NMR)	No residual solvent	
Assay (%)	Not less than 90.0%	97.4%
Recommendation:	Release. The compound contains 0.2% Benoxaprofen (RT 11.69, TLC No. B-271001) according to its HPLC.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/24/2026
Approved by:	Quality Assurance		06/24/2026

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