

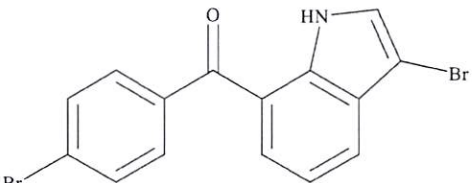
Certificate of Analysis

Certificate No.: **20230628021**



Date: June 28, 2023

Retest date: June 20, 2026

Compound Name: Bromfenac Impurity 13	
Synonyms:	(3-bromo-1 <i>H</i> -indol-7-yl)(4-bromophenyl)methanone
TLC Catalogue Number:	B-4721
CAS Number:	1279501-08-4
Molecular Weight:	379.05
Molecular Formula:	C ₁₅ H ₉ Br ₂ NO
Source:	TLC Pharmaceutical Standards
Source Lot No.:	5592-036A4
Storage Conditions:	Store at 2-8 °C
Solubility:	Solution of Methanol and Acetonitrile



Test Description	Specifications	Results
Visual Description	Yellow 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%	98.6%
Impurity (HPLC)	RT 4.06, 1.07%	
Water Content (KF)	N/A	0.2%
Residual Solvents (NMR)	0.1% dichloromethane	
Assay (%)	Not less than 90.0%	98.3%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/29/2023
Approved by:	Quality Assurance		06/29/2023

Attachments: HPLC, IR, MS and NMR spectra.