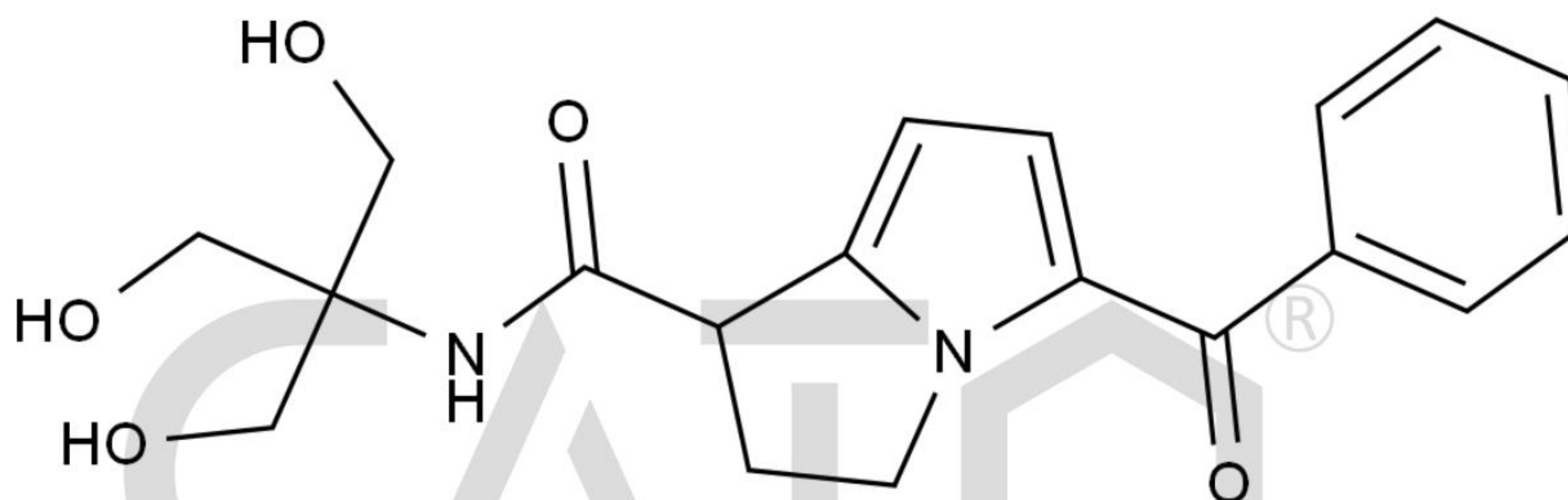


Certificate of Analysis

Reference Material & Standard

Product Name:	Ketorolac EP Impurity E	Catalogue Number:	C4X-16695
Synonyms:	Ketorolac USP Related Compound A	Lot Number:	1216-RF-0044
CAS Number:	167105-80-8	Expiry Date:	Dec 12, 2027
Molecular Formula:	C ₁₉ H ₂₂ N ₂ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	358.39	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.0%
Assay	qNMR	97.3%

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 10, 2026

Date: Jul 13, 2026

Date: Jul 13, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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