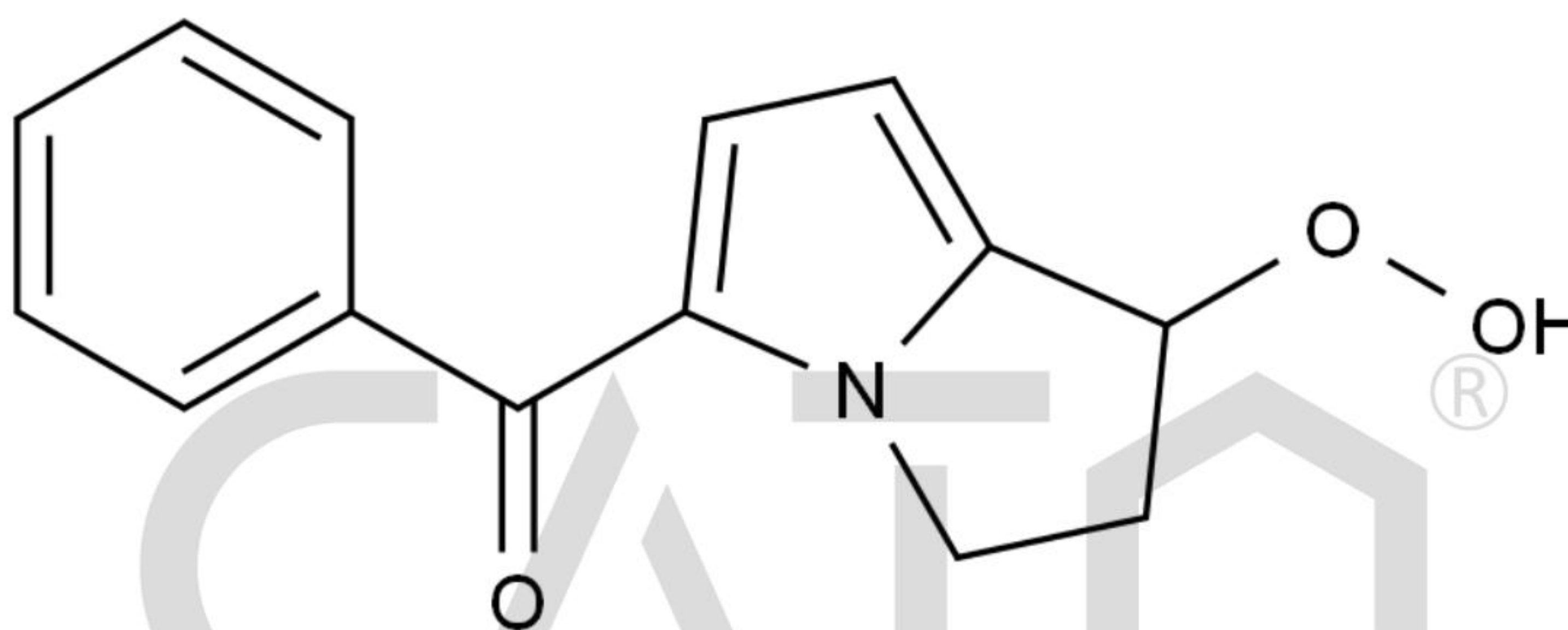


Certificate of Analysis

Reference Material & Standard

Product Name:	Ketorolac Impurity 27	Catalogue Number:	C4X-166927
Synonyms:	N/A	Lot Number:	0902-RG-0024
CAS Number:	113502-54-8	Expiry Date:	Sep 01, 2029
Molecular Formula:	C ₁₄ H ₁₃ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	243.26		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	95.5262%
Loss On Drying	TGA	0.090%
Assay		95.4%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Sep 03, 2025

Date: Sep 03, 2025

Date: Sep 03, 2025

