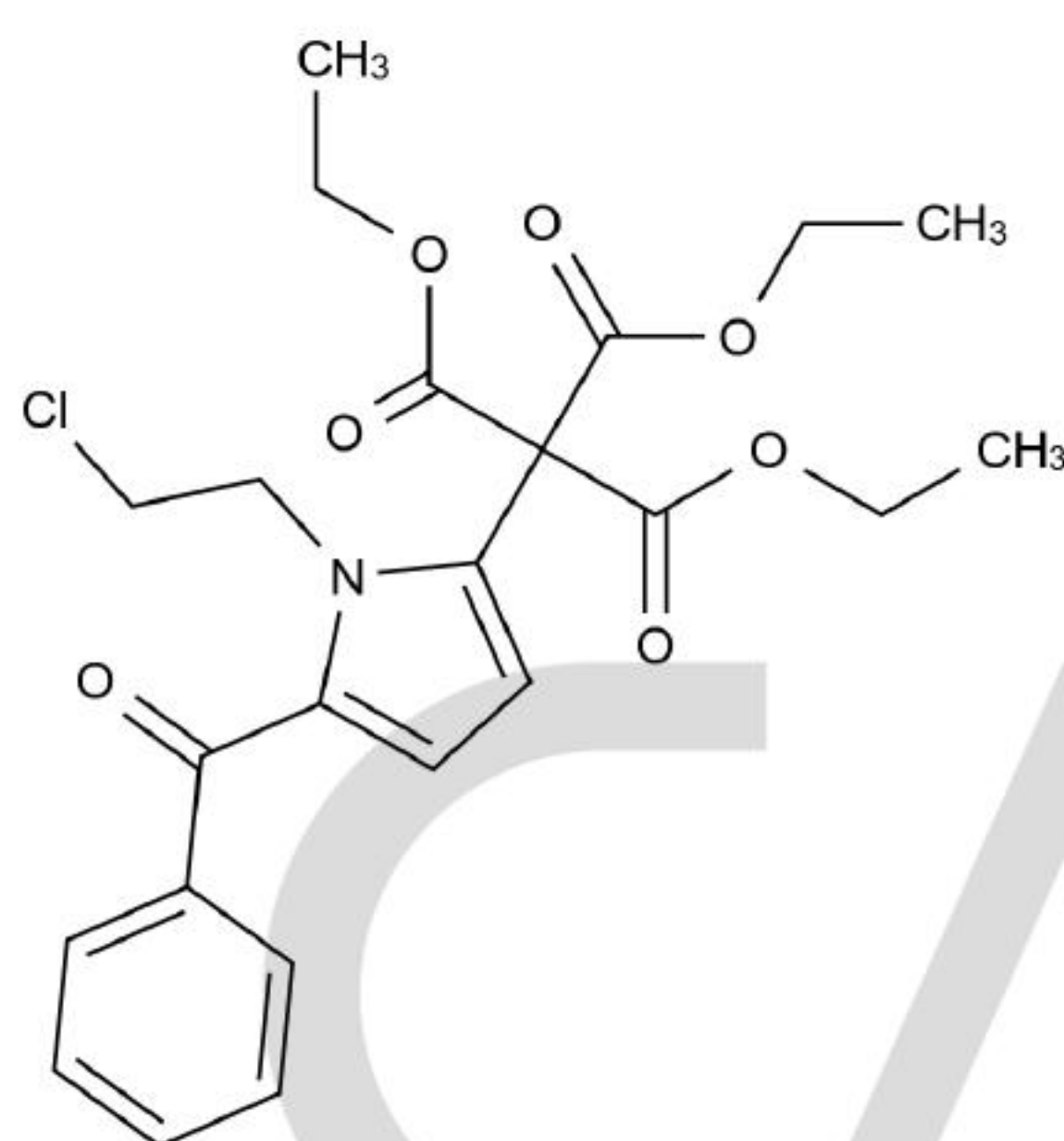


Certificate of Analysis

Reference Material & Standard

Product Name:	Ketorolac Impurity 49	Catalogue Number:	C4X-166949
Synonyms:	N/A	Lot Number:	0107-RG-0055
CAS Number:	N/A	Expiry Date:	Jan 06, 2028
Molecular Formula:	C ₂₃ H ₂₆ ClNO ₇	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	463.91		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.7%
Assay	qNMR	91.7%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jan 08, 2025

Date: Jan 08, 2025

Date: Jan 08, 2025

