

Certificate of Analysis

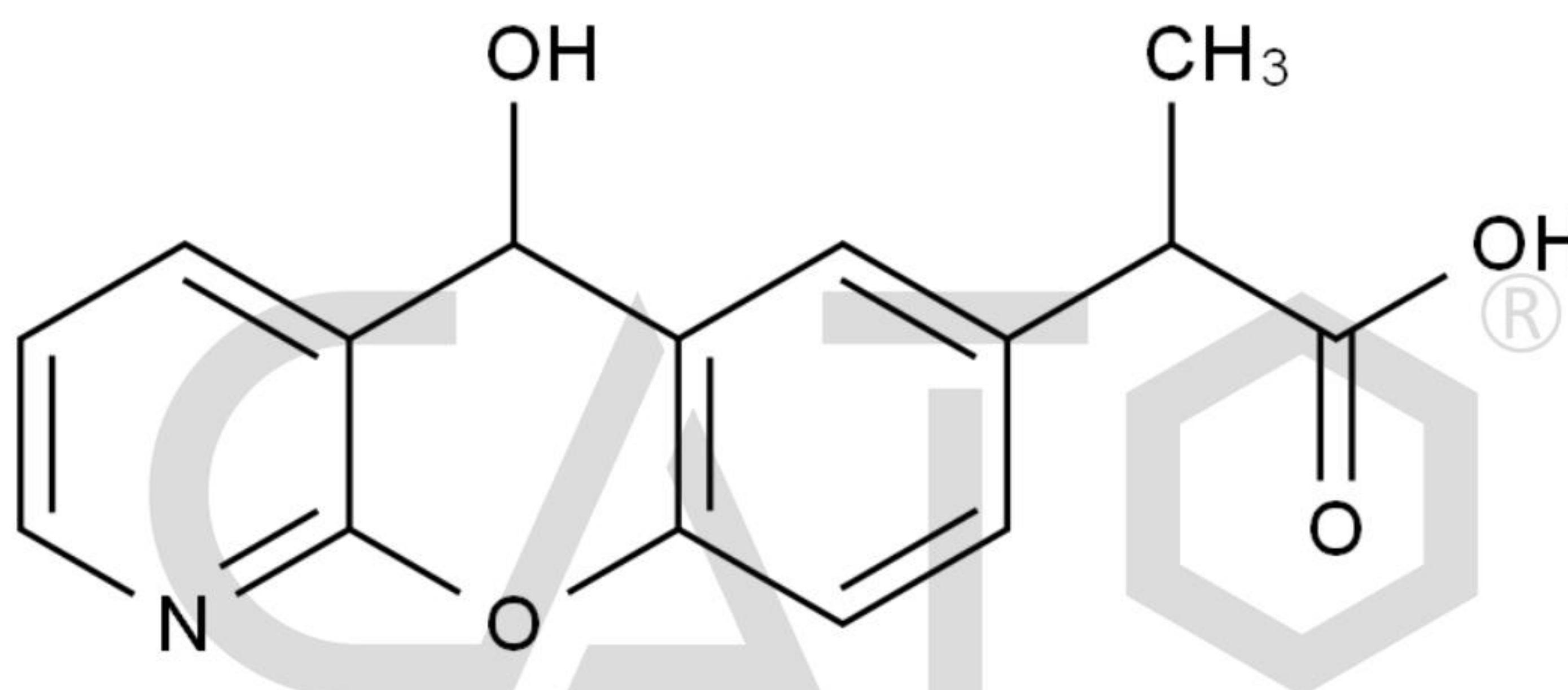
Reference Material & Standard

Product Name:	Pranoprofen Impurity 15	Catalogue Number:	C4X-181115
Synonyms:	N/A	Lot Number:	0311-RH-0078
CAS Number:	N/A	Expiry Date:	Dec 11, 2029
Molecular Formula:	C ₁₅ H ₁₃ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	271.27	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.204%
Water Content	Karl Fischer	4.38%
Residual Solvents	NMR	Not detected in NMR
Assay		94.9%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Mar 12, 2026

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