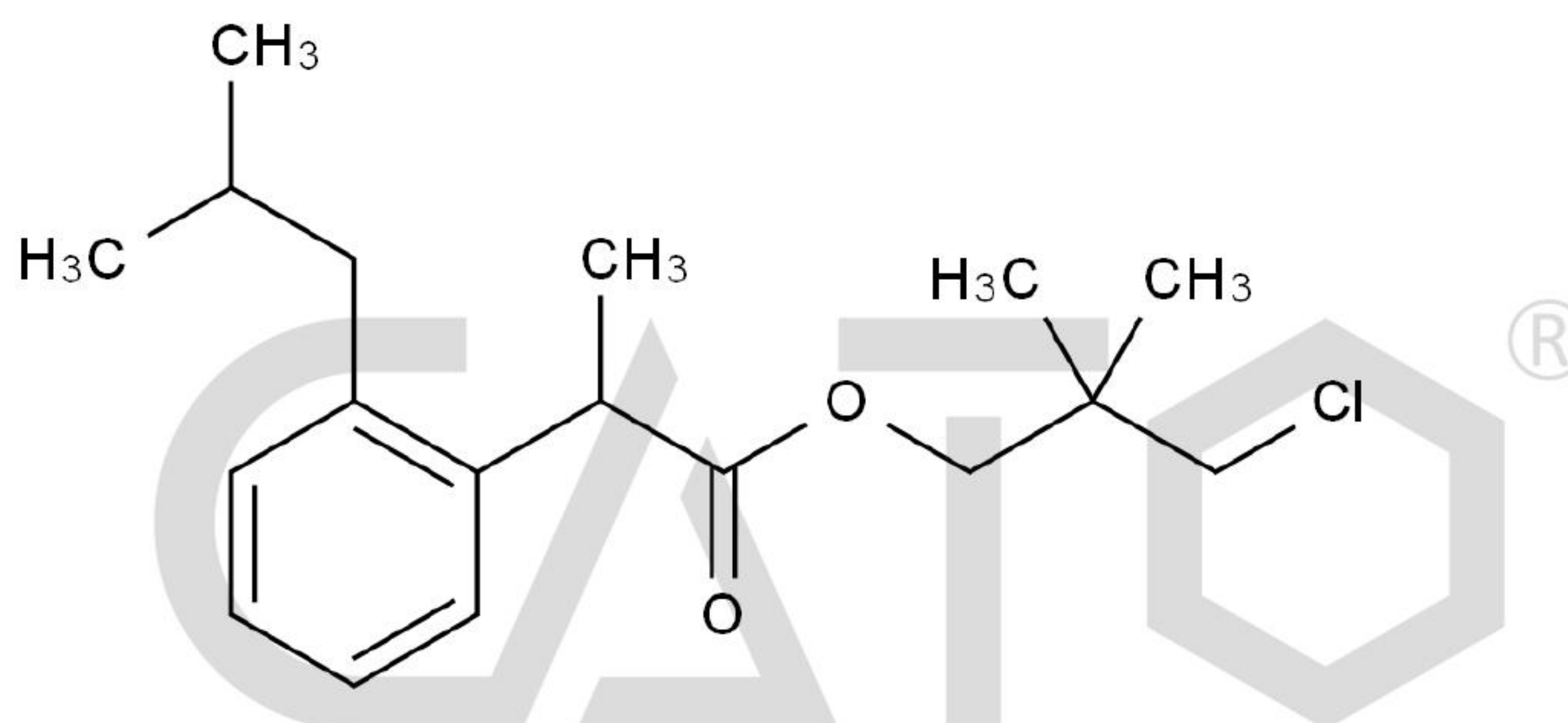


Certificate of Analysis

Reference Material & Standard

Product Name:	Ibuprofen Impurity 107	Catalogue Number:	C4X-1082107
Synonyms:	N/A	Lot Number:	0706-RH-0021
CAS Number:	N/A	Expiry Date:	Jul 01, 2029
Molecular Formula:	C ₁₈ H ₂₇ ClO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	310.86	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.0087%
Loss on Drying	TGA	0.748%
Assay		96.3%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Jul 07, 2026

Date: Jul 07, 2026

Date: Jul 07, 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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