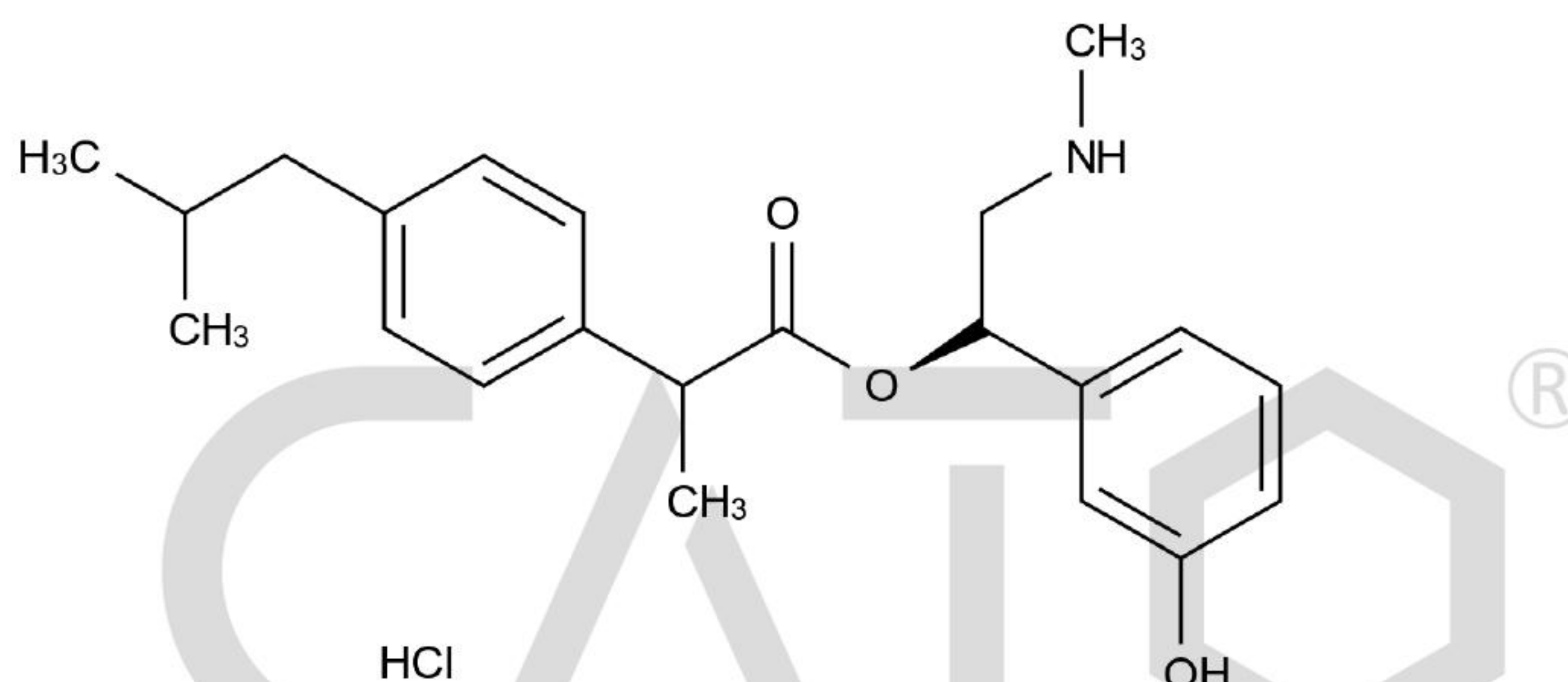


Certificate of Analysis

Reference Material & Standard

Product Name:	Ibuprofen impurity 133 HCl	Catalogue Number:	C4X-1082133
Synonyms:	N/A	Lot Number:	0827-RH-0035
CAS Number:	N/A	Expiry Date:	Aug 24, 2030
Molecular Formula:	C ₂₂ H ₂₉ NO ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	355.47 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.7%
Assay	qNMR	95.7%
Assay(Free Base)	qNMR	86.8%

Signature:

Prepared by:

Jim

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 01, 2026

Date: Sep 01, 2026

Date: Sep 01, 2026



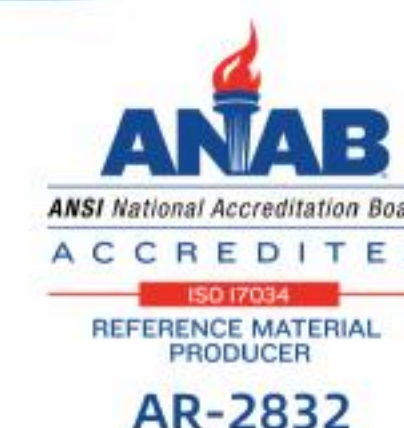
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 7



Official WeChat