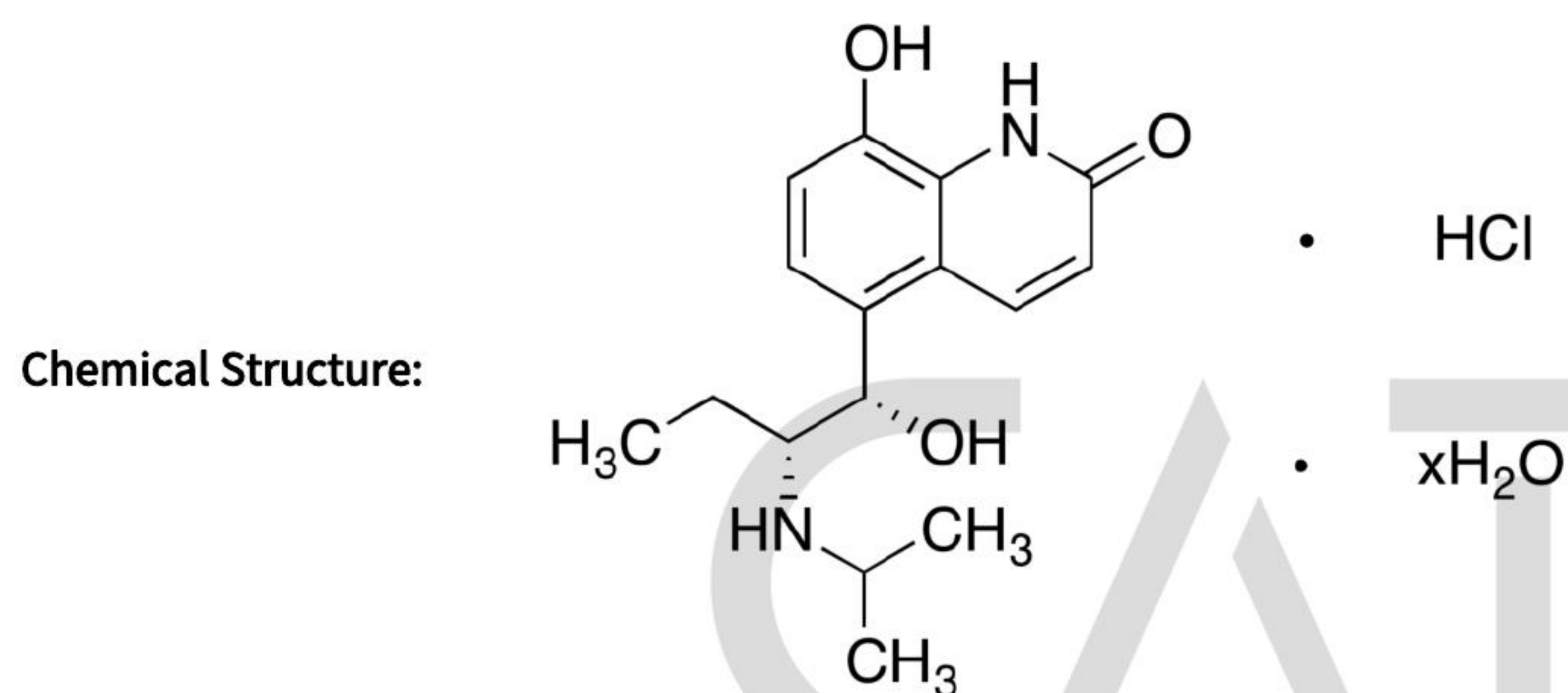


Certificate of Analysis

Reference Material & Standard

Product Name:	Procaterol Hydrochloride Hydrate	Catalogue Number:	C4X-181018
Synonyms:	N/A	Lot Number:	1116-RE-0007
CAS Number:	81262-93-3	Expiry Date:	Jul 10, 2026
Molecular Formula:	$C_{16}H_{22}N_2O_3 \cdot HCl \cdot xH_2O$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	290.36 36.46 X18.02	Shipping Condition:	Shipping at Room Temperature



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.00%
Water Content	Karl Fischer	11.00%
Assay		89.0%

Comment:

1. Chloride Content: 9.6%

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

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

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Nov 02, 2023

Date: Nov 20, 2023

Date: Nov 20, 2023



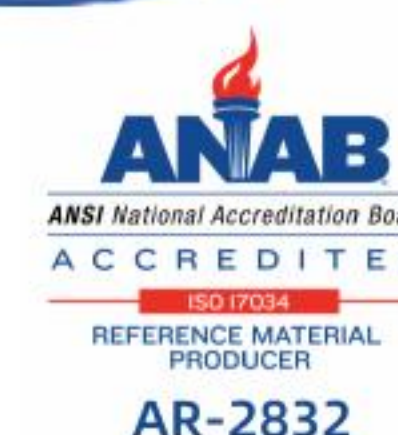
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

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