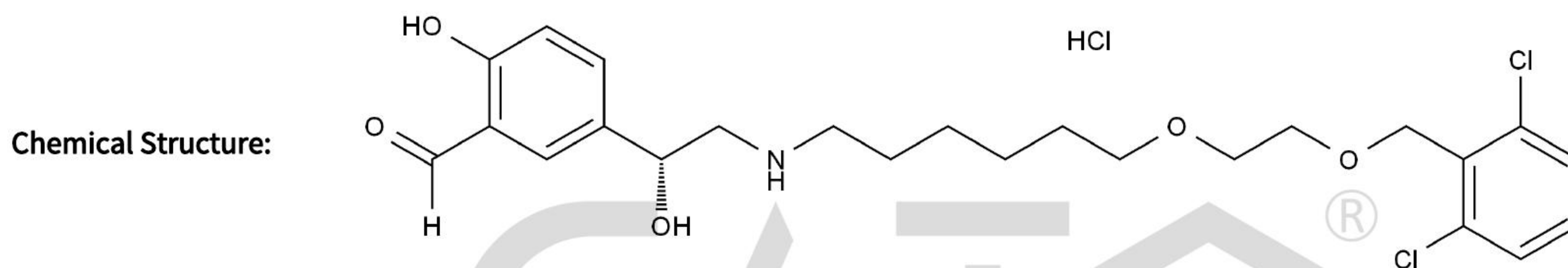


Certificate of Analysis

Reference Material & Standard

Product Name:	Vilanterol Impurity 10 HCl	Catalogue Number:	C4X-193510
Synonyms:	N/A	Lot Number:	0725-RG-0046
CAS Number:	2514696-13-8(free base)	Expiry Date:	Oct 30, 2029
Molecular Formula:	C ₂₄ H ₃₁ Cl ₂ NO ₅ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	484.41 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.6%
Assay	qNMR	96.0%

Signature:

Prepared by:

Hin Lam

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 06, 2025

Date: Nov 06, 2025

Date: Nov 06, 2025



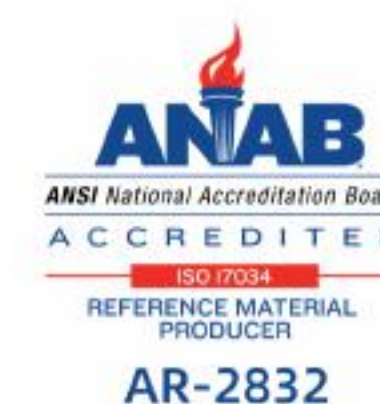
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 7



Official WeChat