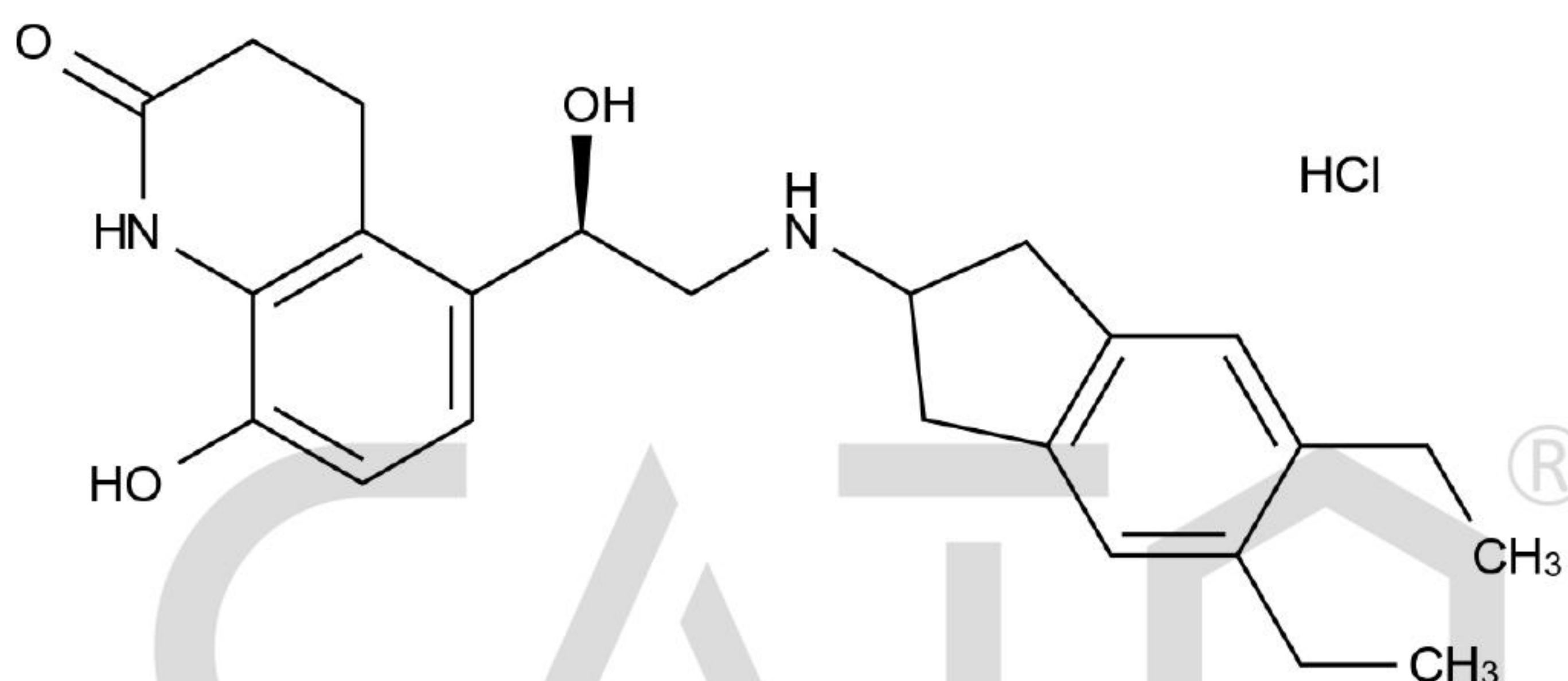


Certificate of Analysis

Reference Material & Standard

Product Name:	Indacaterol Impurity 7 HCl	Catalogue Number:	C4X-150059
Synonyms:	N/A	Lot Number:	0606-RE-0008
CAS Number:	1403389-05-8(Free Base)	Expiry Date:	Jun 01, 2026
Molecular Formula:	C ₂₄ H ₃₀ N ₂ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	394.51 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.588%
Water Content	Karl Fischer	5.18%
Residual Solvents	NMR	0.27% acetonitrile
Assay		93.2%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jun 12, 2024

Date: Jun 13, 2024

Date: Jun 13, 2024

