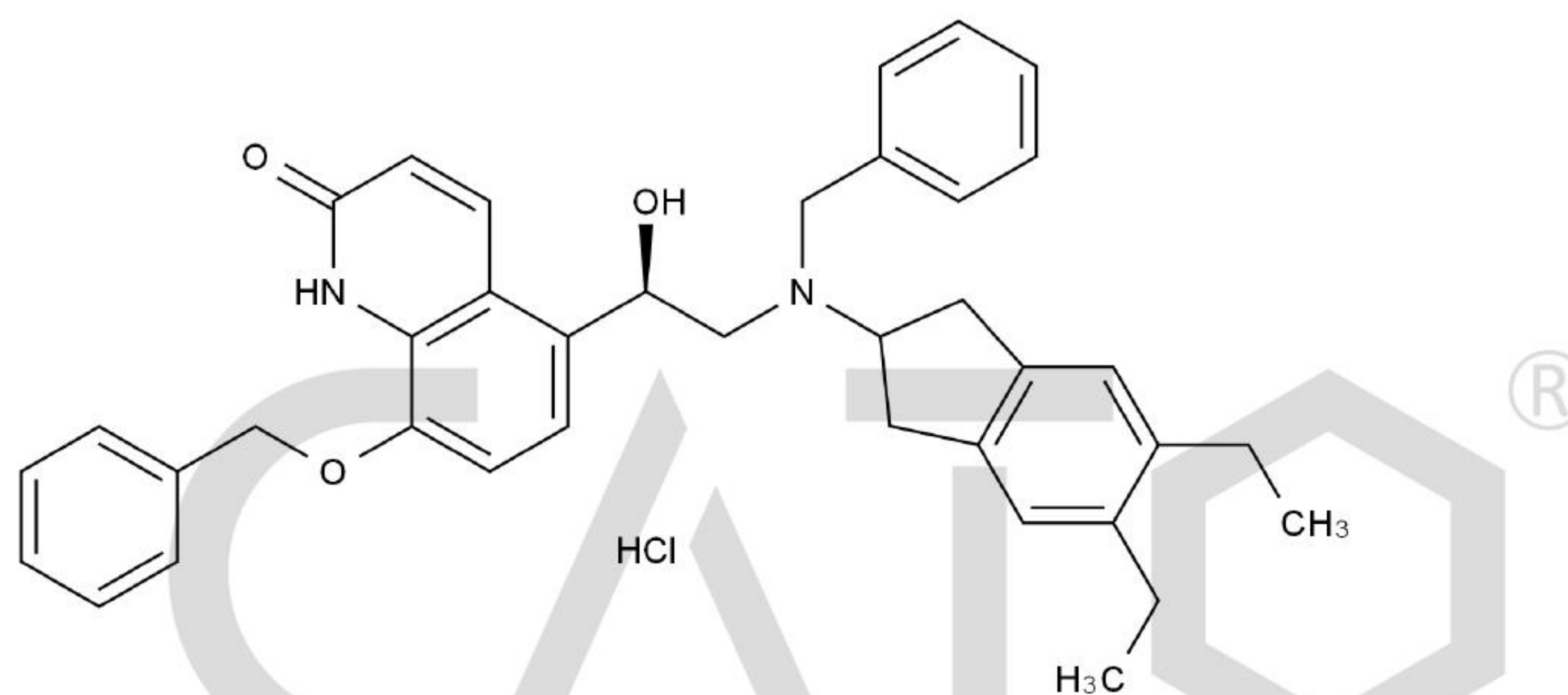


Certificate of Analysis

Reference Material & Standard

Product Name:	Indacaterol Impurity 50 HCl	Catalogue Number:	C4X-150050
Synonyms:	N/A	Lot Number:	1020-RD-0005
CAS Number:	1384189-12-1(Free Base)	Expiry Date:	Oct 25, 2025
Molecular Formula:	C ₃₈ H ₄₀ N ₂ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	572.74 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.830%
Loss on Drying	TGA	0.4169%
Assay		99.4%

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:

Hinlam

Reviewed by:

Xenia

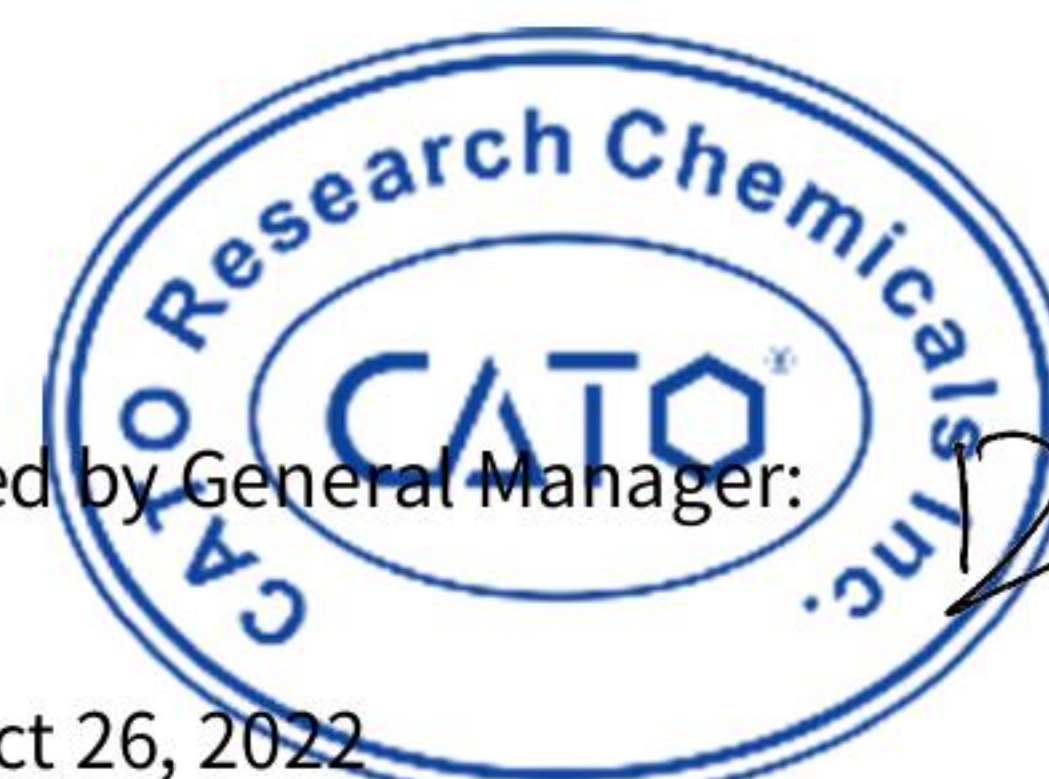
Approved by General Manager:

David

Date: Oct 26, 2022

Date: Oct 26, 2022

Date: Oct 26, 2022



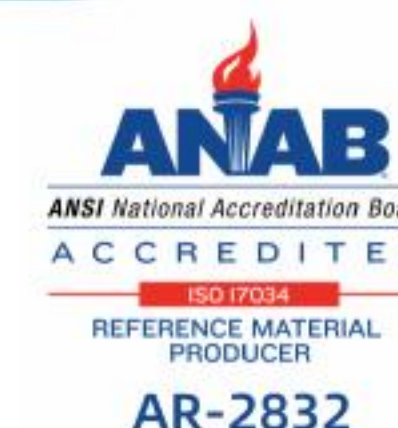
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