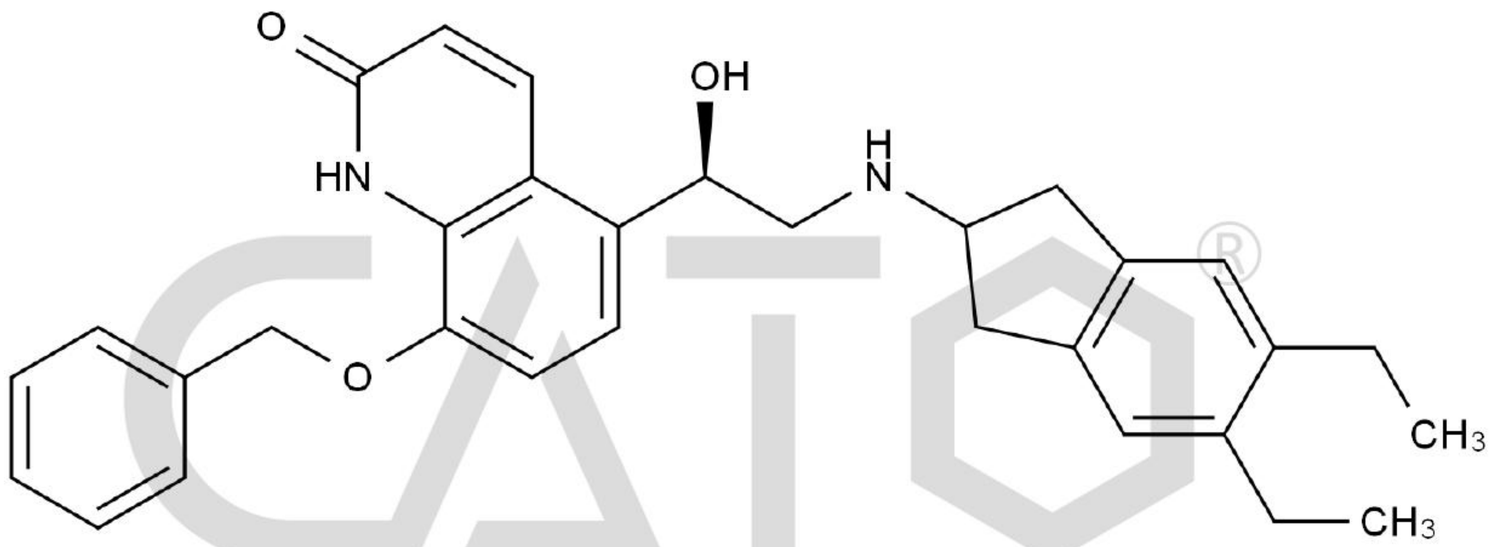
Certificate of Analysis

Reference Material & Standard

Product Name:	Indacaterol Impurity 8	**Catalogue Number:**	C4X-15008
Synonyms:	N/A	**Lot Number:**	0920-RH-0022
CAS Number:	435273-75-9	**Expiry Date:**	Sep 19, 2030
Molecular Formula:	$C_{31}H_{34}N_2O_3$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	482.61	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.757%
Residue on Ignition	TGA	0.5536%
Loss on Drying	TGA	0.2318%
Assay		99.0%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss on Drying) * Purity HPLC (%) /100%*
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Koi — Date: Sep 20, 2026

Reviewed by: Lisa — Date: Sep 20, 2026

Approved by General Manager: David — Date: Sep 20, 2026

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