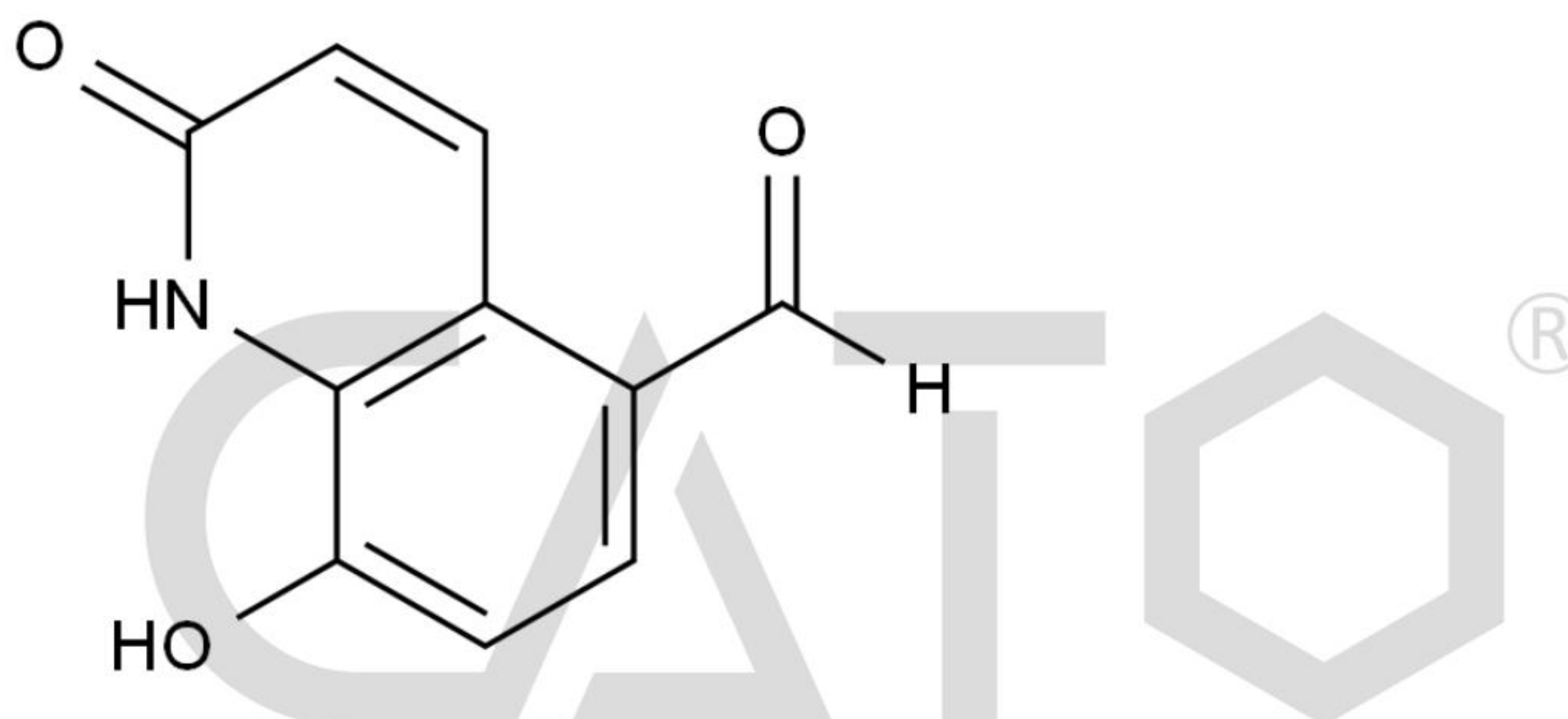


Certificate of Analysis

Reference Material & Standard

Product Name:	Indacaterol Impurity 13	Catalogue Number:	C4X-150013
Synonyms:	N/A	Lot Number:	1201-RG-0114
CAS Number:	68304-21-2	Expiry Date:	Nov 30, 2029
Molecular Formula:	C ₁₀ H ₇ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	189.17		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	95.520%
Residue on Ignition	TGA	0.5754%
Loss on Drying	TGA	1.0513%
Assay		94.0%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 03, 2026

Date: Aug 03, 2026

Date: Aug 03, 2026



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>

