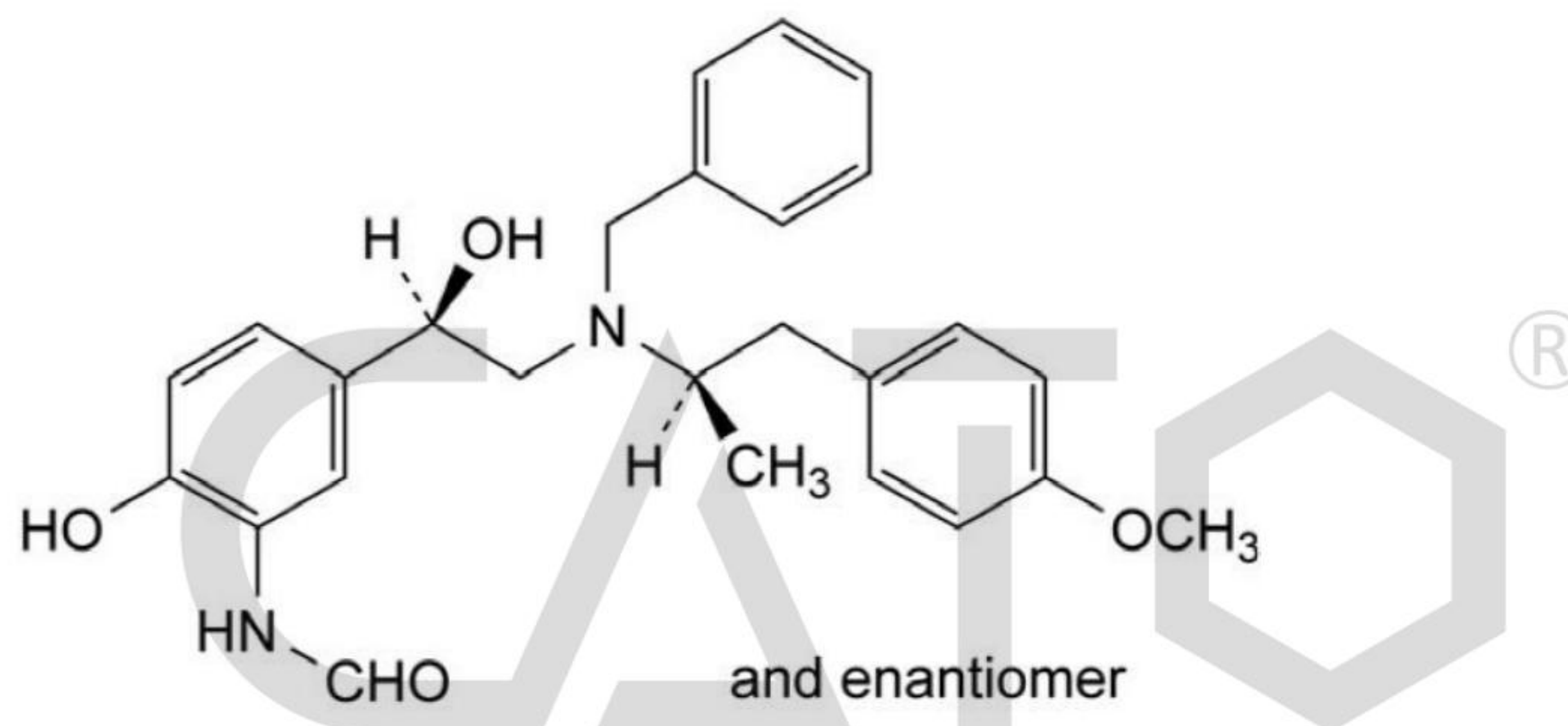


Certificate of Analysis

Reference Material & Standard

Product Name:	Formoterol EP Impurity H (Enantiomer Mixture)	Catalogue Number:	C4X-15258
Synonyms:	N-Benzyl formoterol	Lot Number:	0829-RF-0003
CAS Number:	N/A	Expiry Date:	Aug 22, 2027
Molecular Formula:	C ₂₆ H ₃₀ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	434.53		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.224%
Water Content	Karl Fischer	0.41%
Residual Solvents	NMR	0.81% acetonitrile
Assay		98.0%

Comment:

The calculation of the mass balance 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 22, 2025

Date: Oct 22, 2025

Date: Oct 22, 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>

