

Certificate of Analysis

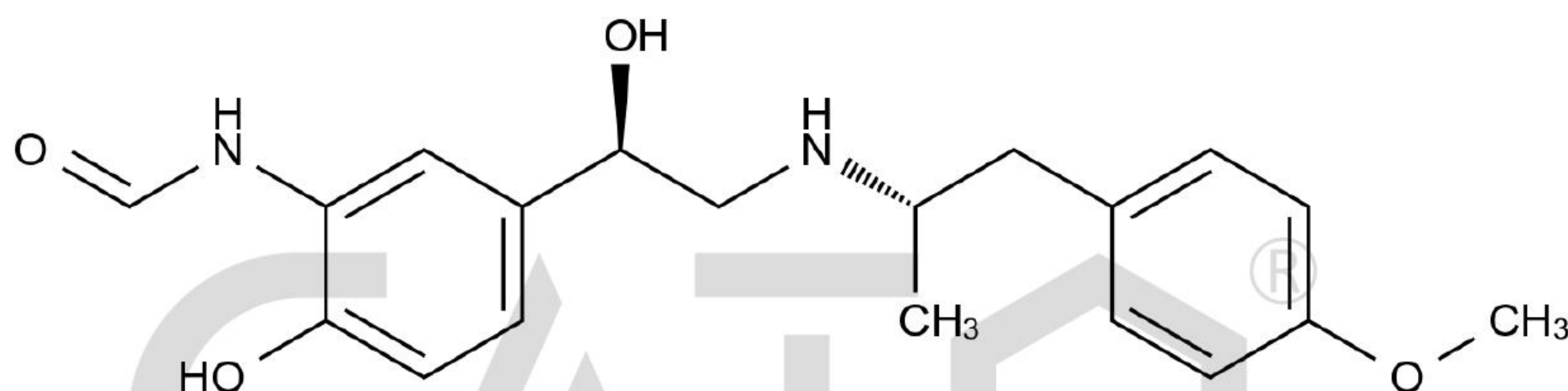
Reference Material & Standard

Product Name:	(R,S)-Formoterol Impurity	Catalogue Number:	CP144067
Synonyms:	N/A	Lot Number:	1219-RD-0010
CAS Number:	67346-51-4	Expiry Date:	Dec 19, 2024
Molecular Formula:	C ₁₉ H ₂₄ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	344.40		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.6894%
Water Content	Karl Fischer	0.003%
Residual Solvents	NMR	0.0793% acetonitrile
Assay		99.6%

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:

Nacy

Reviewed by:

Debia

Approved by General Manager:

David

Date: Dec 20, 2021

Date: Dec 28, 2022

Date: Dec 28, 2022



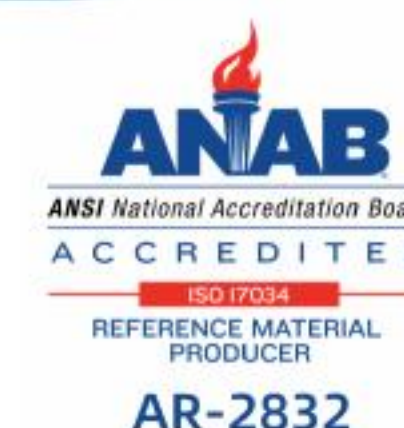
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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