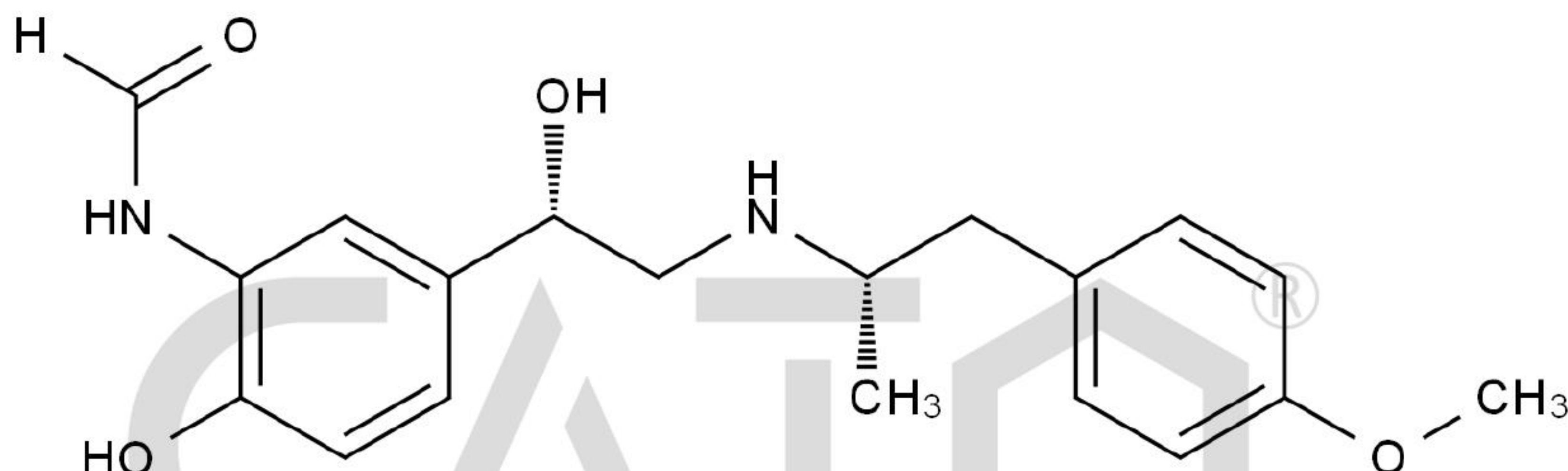


Certificate of Analysis

Reference Material & Standard

Product Name:	(S,S)-Formoterol Impurity	Catalogue Number:	C4X-152515
Synonyms:	N/A	Lot Number:	0723-RF-0027
CAS Number:	67346-48-9	Expiry Date:	Oct 07, 2026
Molecular Formula:	C ₁₉ H ₂₄ N ₂ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	344.40	Warning:	  

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.4295%
Loss On Drying	TGA	1.682%
Assay		97.8%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jul 23, 2024

Date: Jul 23, 2024

Date: Jul 23, 2024

