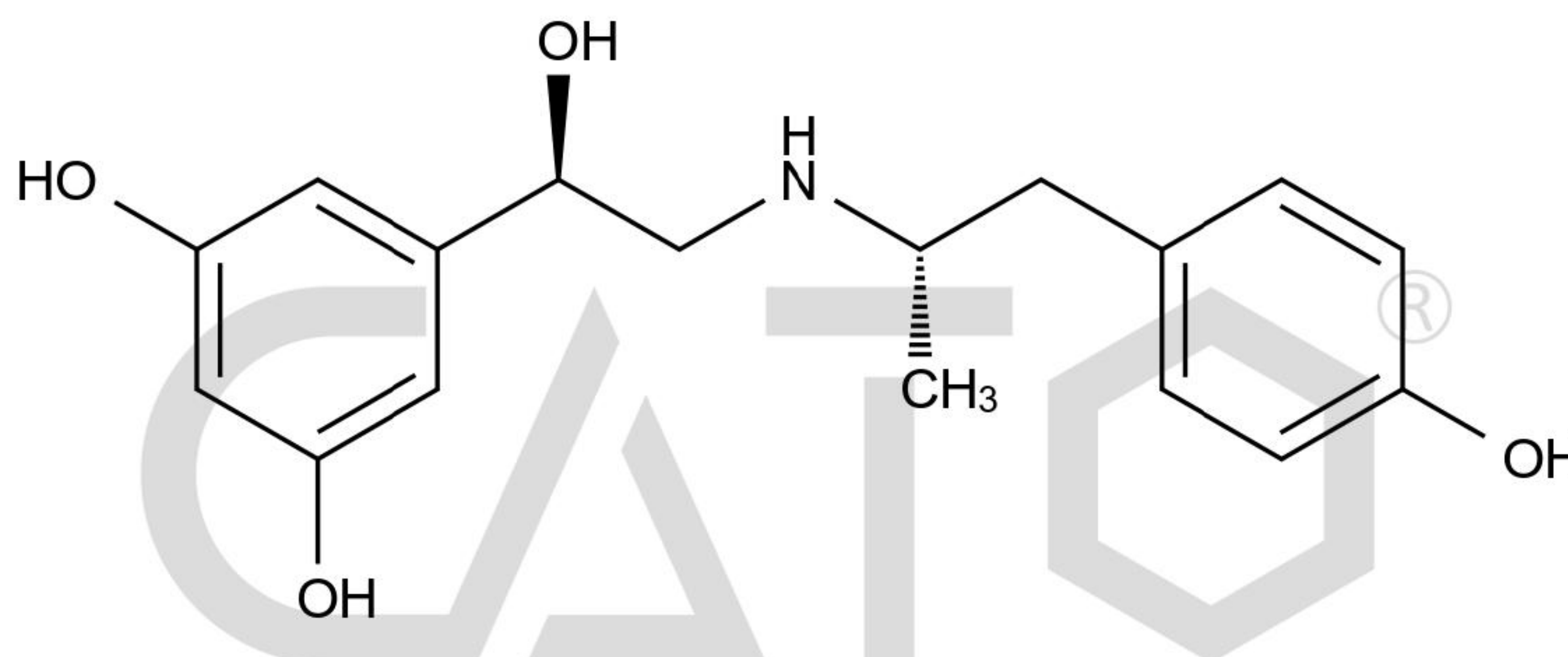


Certificate of Analysis

Reference Material & Standard

Product Name:	Fenoterol EP Impurity A(R,S-Isomer)	Catalogue Number:	C4X-207710
Synonyms:	N/A	Lot Number:	0511-RH-0165
CAS Number:	391234-97-2	Expiry Date:	May 13, 2030
Molecular Formula:	C ₁₇ H ₂₁ NO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	303.35	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.2502%
Loss on Drying	TGA	3.821%
Specific Rotation		[α] _D ^{25.0} (C=1.15, CH ₃ OH): -5.541°
Assay		95.5%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: May 18, 2026

Date: May 18, 2026

Date: May 18, 2026



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