

Certificate of Analysis

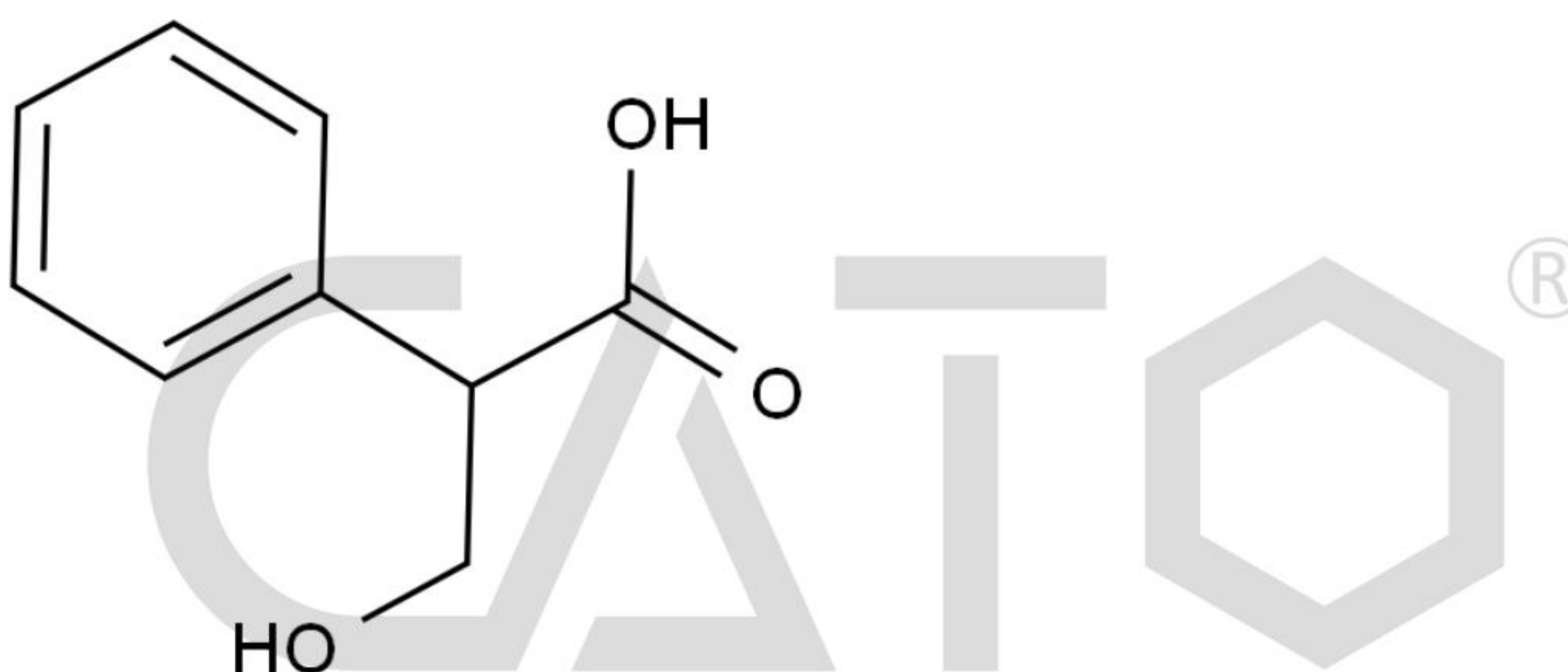
Reference Material & Standard

Product Name:	Ipratropium Bromide EP Impurity C	Catalogue Number:	C4X-16659
Synonyms:	Ipratropium Bromide Related Compound C	Lot Number:	0526-RE-0038
CAS Number:	552-63-6	Expiry Date:	Jul 02, 2028
Molecular Formula:	C ₉ H ₁₀ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	166.17	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.829%
Loss On Drying	TGA	0.0668%
Assay		99.8%

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:

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Approved by General Manager:

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Date: Jan 12, 2026

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