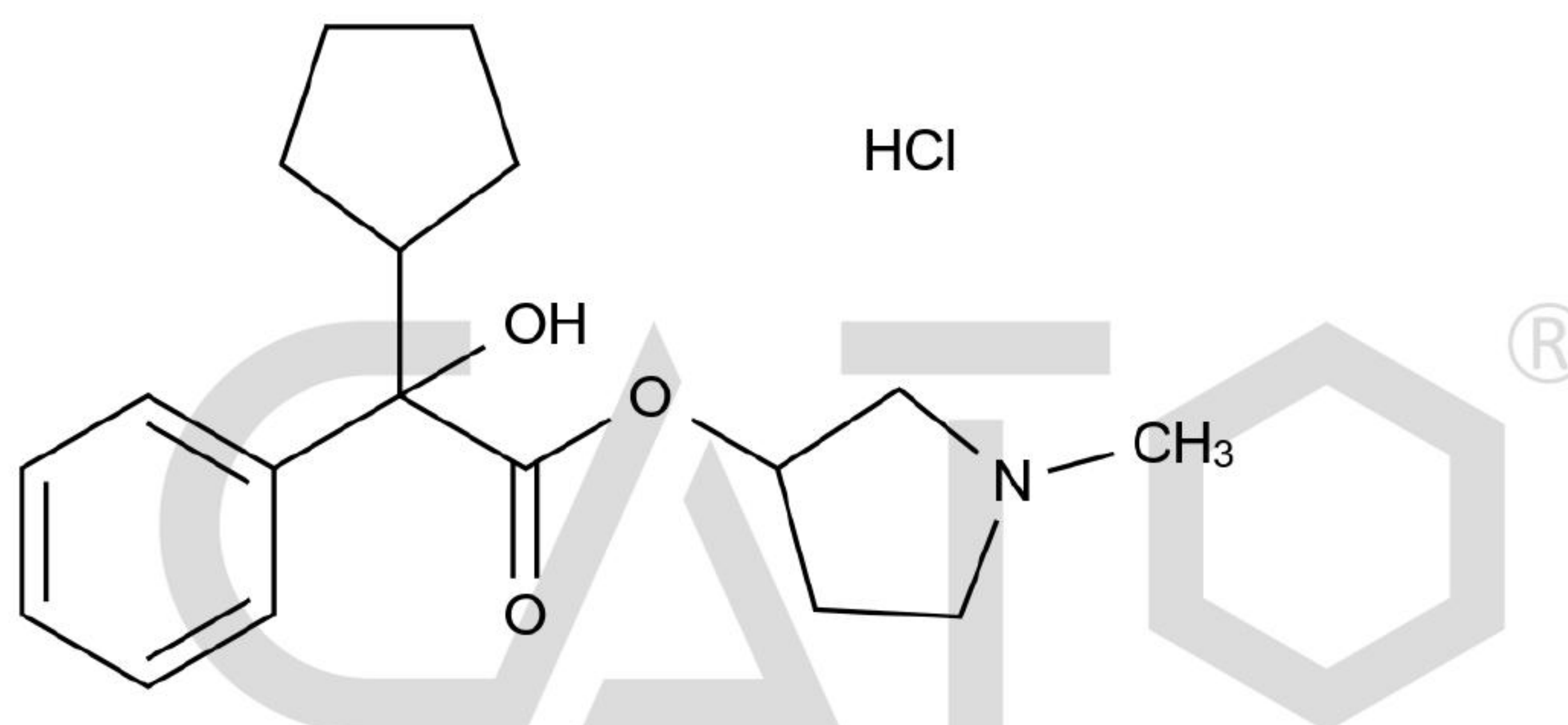


Certificate of Analysis

Reference Material & Standard

Product Name:	Glycopyrronium Bromide EP Impurity G	Catalogue Number:	C4X-143113
Synonyms:	N/A	Lot Number:	0323-RH-0137
CAS Number:	13118-10-0	Expiry Date:	Mar 22, 2030
Molecular Formula:	C ₁₈ H ₂₅ NO ₃ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	303.40 36.46	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.6937%
Loss on Drying	TGA	0.339%
Assay		99.4%

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: Mar 24, 2026

Date: Mar 25, 2026

Date: Mar 25, 2026



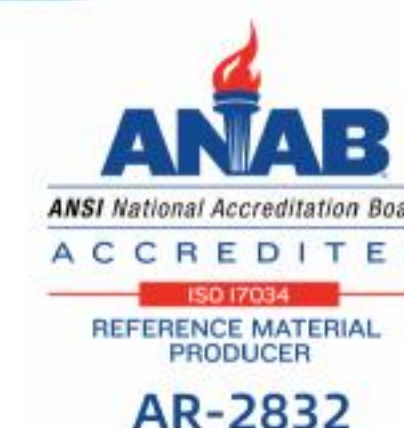
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