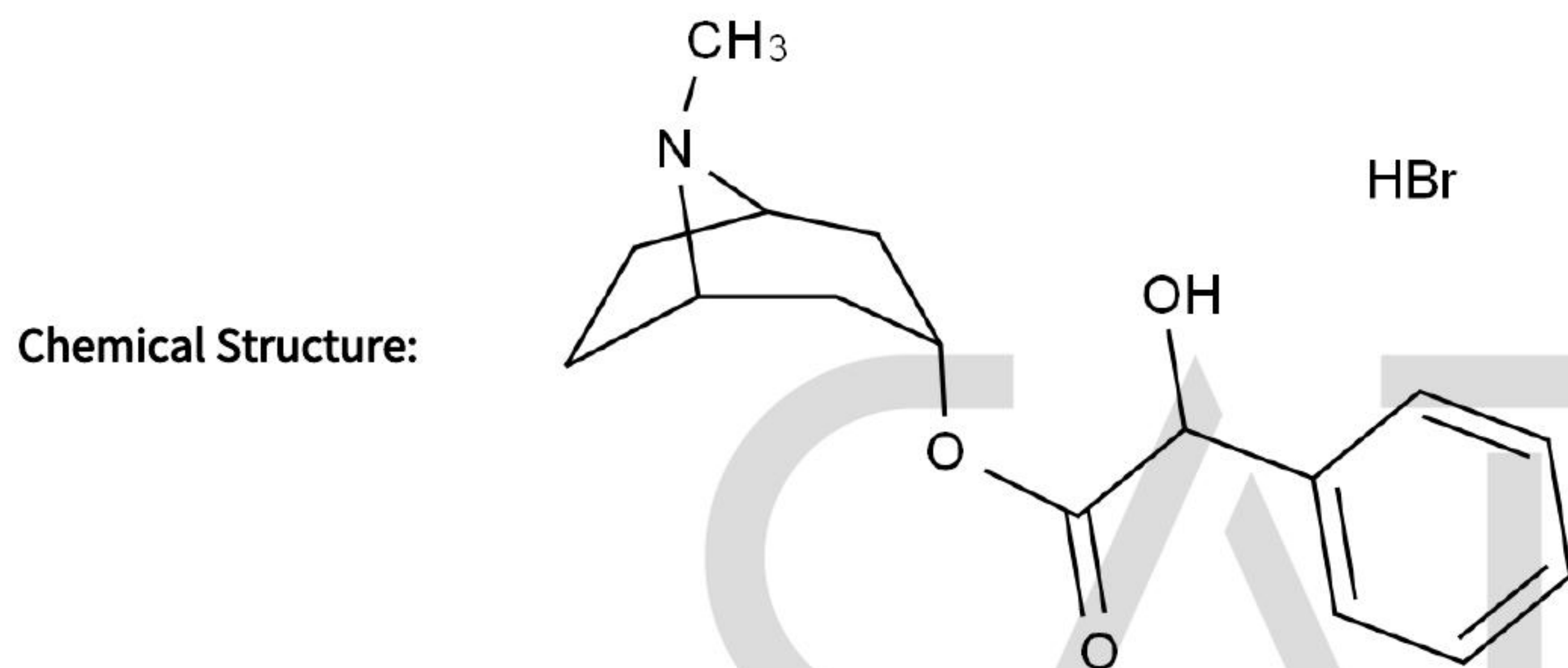


Certificate of Analysis

Reference Material & Standard

Product Name:	Tiotropium Bromide Impurity 18	Catalogue Number:	C4X-176418
Synonyms:	Homatropine hydrobromide	Lot Number:	0302-RH-0032
CAS Number:	51-56-9	Expiry Date:	Mar 02, 2030
Molecular Formula:	C ₁₆ H ₂₁ NO ₃ HBr	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	275.34 80.91	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	99.2%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 03, 2026

Date: Mar 03, 2026

Date: Mar 03, 2026



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