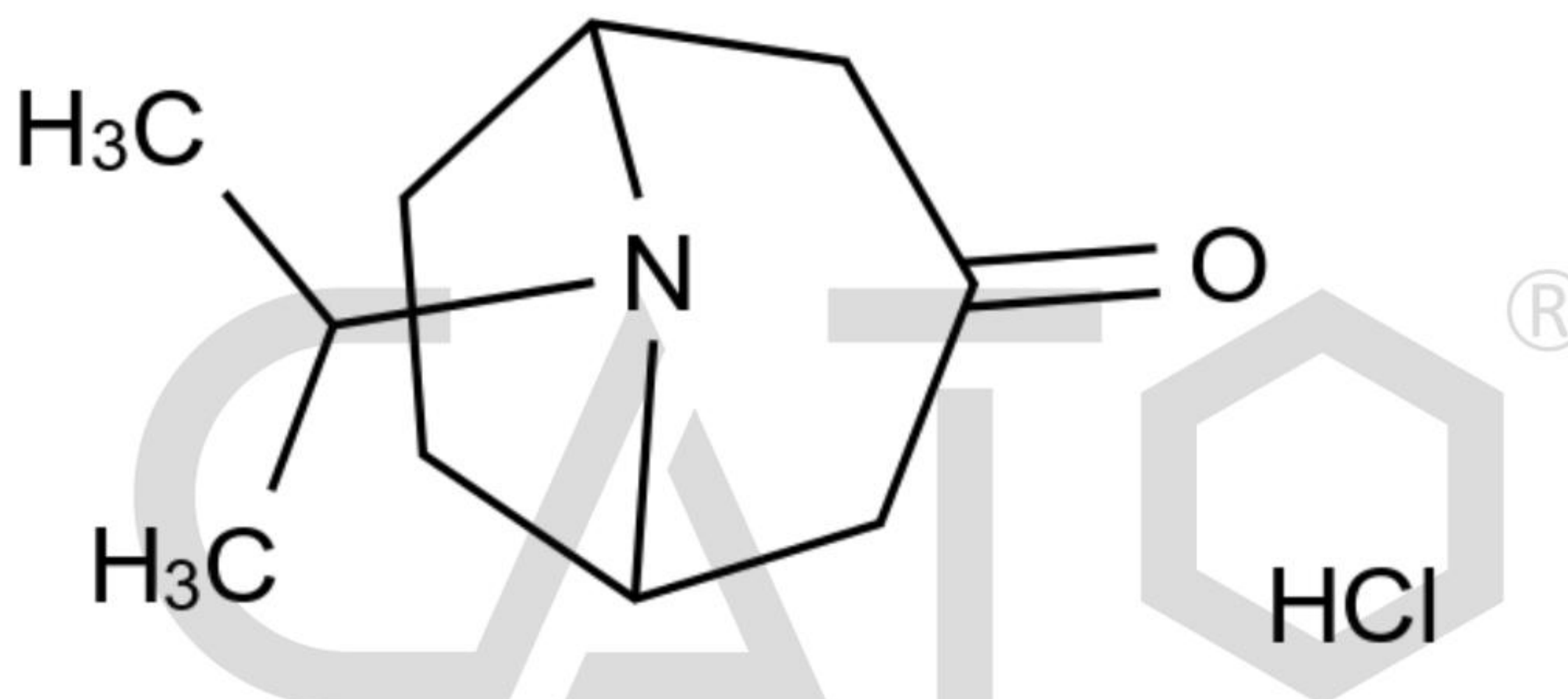


Certificate of Analysis

Reference Material & Standard

Product Name:	Ipratropium Impurity 13 HCl	Catalogue Number:	C4X-166513
Synonyms:	N/A	Lot Number:	0529-RH-0058
CAS Number:	3423-28-7(Free Base)	Expiry Date:	May 28, 2030
Molecular Formula:	C ₁₀ H ₁₇ NO HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	167.25 36.46	Shipping Condition:	Shipping at Room Temperature
Solubility:	Water	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.9%

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 29, 2026

Date: May 29, 2026

Date: May 29, 2026



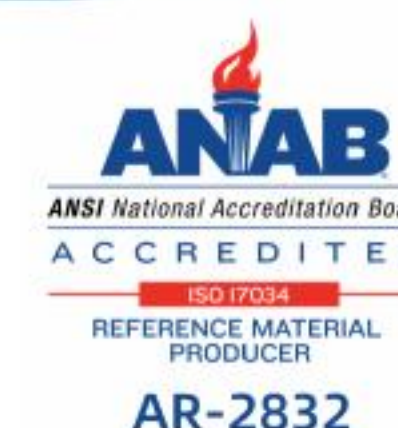
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Page 1 of 5



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