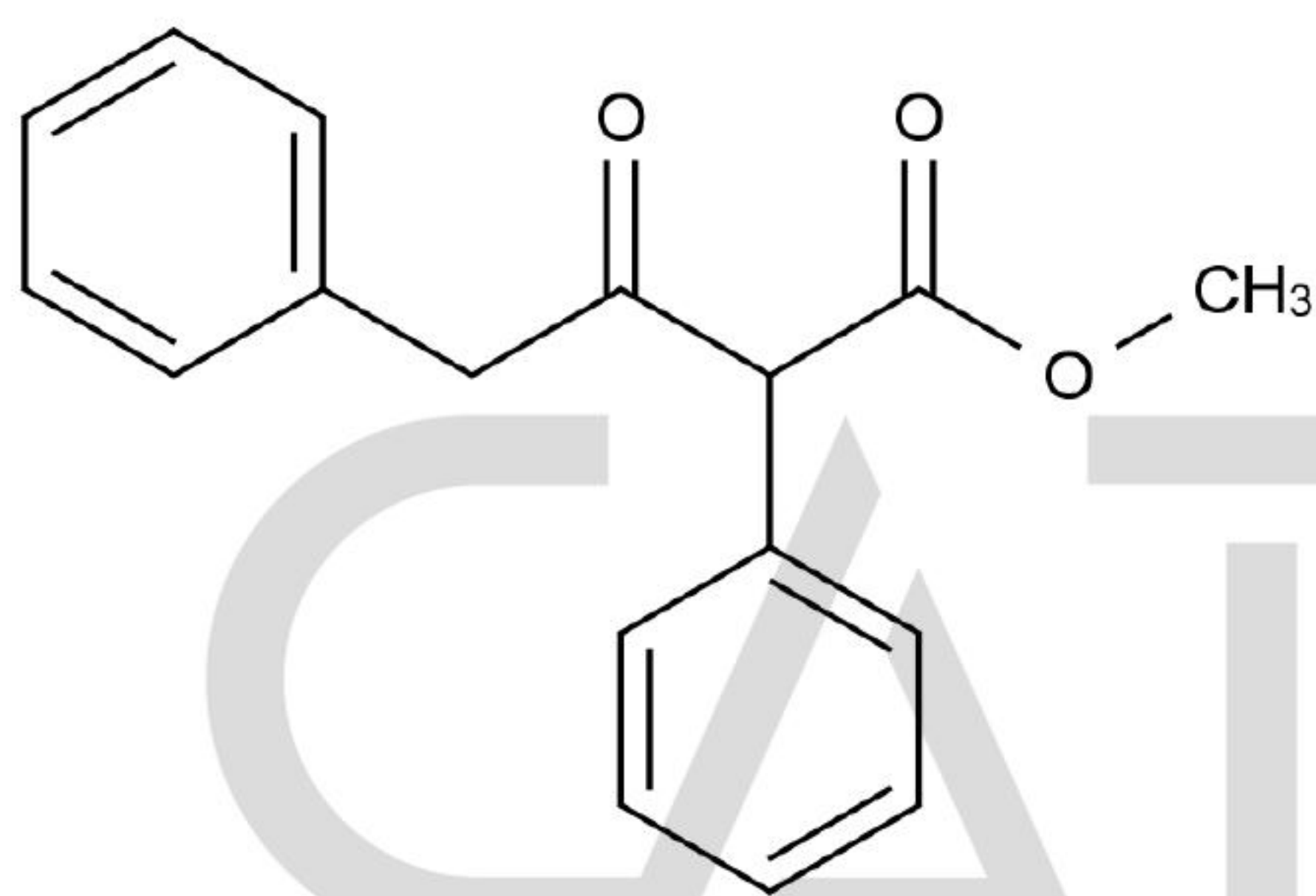


Certificate of Analysis

Reference Material & Standard

Product Name:	Ipratropium Impurity 38	Catalogue Number:	C4X-166538
Synonyms:	N/A	Lot Number:	0119-RH-0038
CAS Number:	40195-49-1	Expiry Date:	Jun 19, 2028
Molecular Formula:	C ₁₇ H ₁₆ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	268.31	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Red Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.3%
Assay	qNMR	96.7%

Comment:

Mixture of Tautomer.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jan 21, 2026

Date: Jan 21, 2026

Date: Jan 21, 2026



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