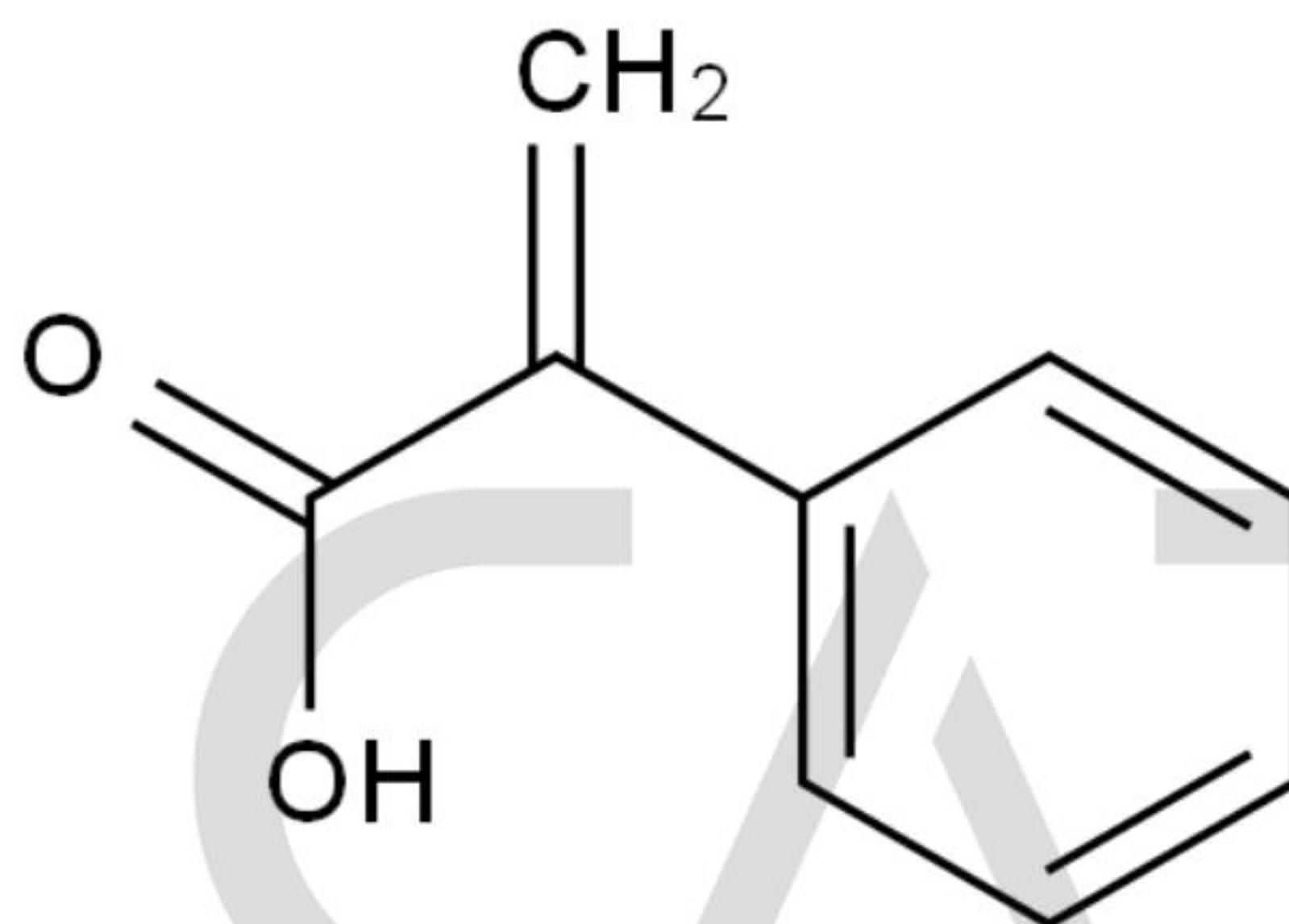


Certificate of Analysis

Reference Material & Standard

Product Name:	Ipratropium Bromide EP Impurity D	Catalogue Number:	C4X-20651
Synonyms:	N/A	Lot Number:	0321-RF-0013
CAS Number:	492-38-6	Expiry Date:	Aug 10, 2029
Molecular Formula:	C ₉ H ₈ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	148.16	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	95.2%
Assay	qNMR	92.6%

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 11, 2025

Date: Aug 11, 2025

Date: Aug 11, 2025



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