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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2022

Re-test Date: Mar 2025

Product Name: Ipratropium EP Impurity D

Identification:

Chemical Name: 2-Phenylacrylic Acid

Synonyms : Ipratropium Bromide USP
Related Compound D ; Atropic
Acid

CAS Number : 492-38-6

CAT Number : CP-I4004

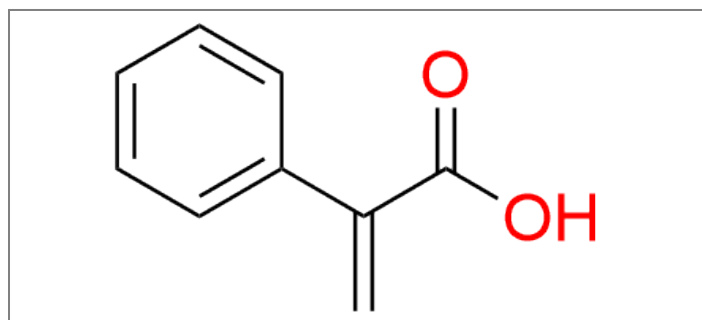
Molecular Formula : C₉H₈O₂

Molecular Weight : 148.16

Batch Number : CHEM-IPR-D

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White to White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.46%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.