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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Ipratropium EP Impurity A

Identification:

Chemical Name: (1R,3r,5S,8r)-3-Hydroxy-8-isopropyl-8-methyl-8-azabicyclo[3.2.1]octan-8-ium bromide

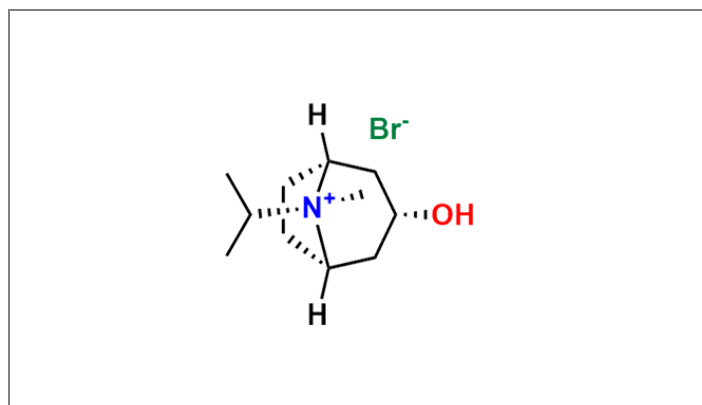
Synonyms : Ipratropium Bromide USP
Related Compound A

CAS Number : 58005-18-8

CAT Number : CP-I4001

Molecular Formula : C₁₁H₂₂NO : Br

Molecular Weight : 184.3 : 79.9



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure

Prepared and Reviewed By

Approved By



Ms Priyanka Salunkhe
(Manager QC Analytical)

Ms Rohini Gagare
(QA Head)

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