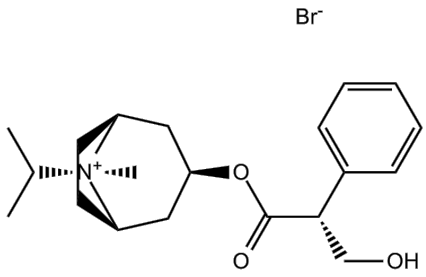
Certificate of Analysis

Product Name:	Ipratropium Bromide
Cat. No.:	GC12717
Batch No.:	2
Chemical Name:	(8-methyl-8-propan-2-yl-8-azoniabicyclo[3.2.1]octan-3-yl) 3-hydroxy-2-phenylpropanoate;bromide

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.:	22254-24-6
Molecular Formula:	$C_{20}H_{30}BrNO_3$
Molecular Weight:	412.37
Storage:	Store at -20°C

Chemical Structure:



ANALYTICAL DATA

Appearance:	A solid
HNMR:	Consistent with structure
HPLC:	Consistent with structure
Purity:	>98.50%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.
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