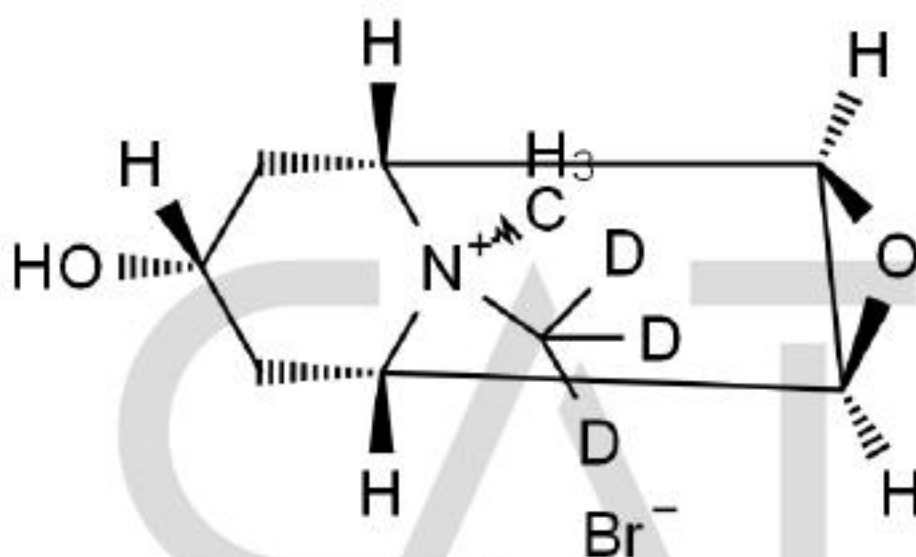


Certificate of Analysis

Reference Material & Standard

Product Name:	Tiotropium Bromide EP Impurity G-d3 Bromide	Catalogue Number:	C4X-176437
Synonyms:	N/A	Lot Number:	0827-SA-7981
CAS Number:	N/A	Expiry Date:	Aug 26, 27
Molecular Formula:	$C_9H_{13}D_3NO_2 Br$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	173.25 79.90		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	97.764%

Signature:

Prepared by:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Aug 27, 23

Date: Aug 27, 23

Date: Aug 27, 23



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Official WeChat

Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

Document Version:

Revision No.	Date	Reason for Revision
01	Aug 27, 23	First release.


CATO Research Chemicals Inc.