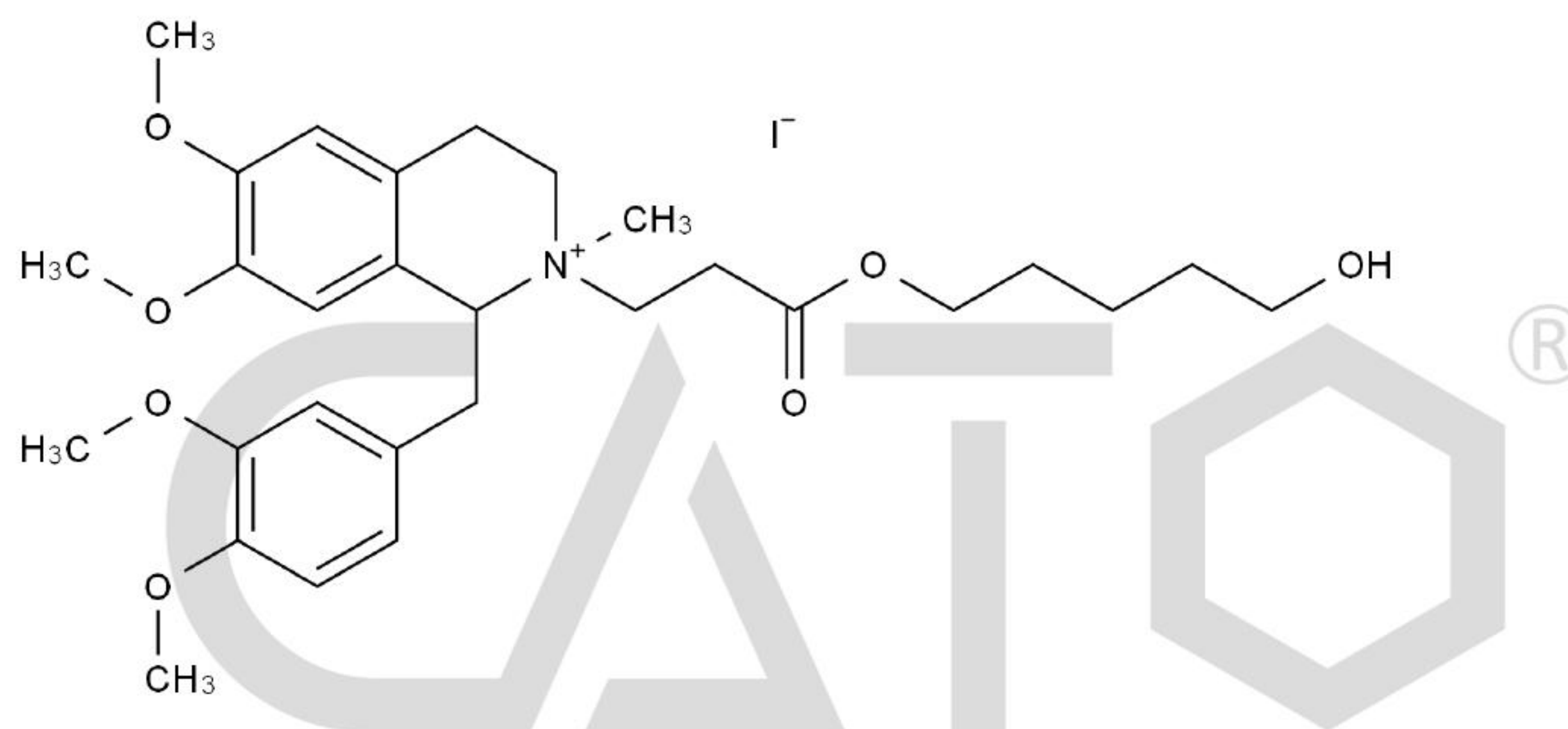


Certificate of Analysis

Reference Material & Standard

Product Name:	Atracurium Besilate EP Impurity D	Catalogue Number:	C4X-185029
Synonyms:	N/A	Lot Number:	1107-RF-0079
CAS Number:	2767988-76-9	Expiry Date:	Nov 03, 2027
Molecular Formula:	C ₂₉ H ₄₂ NO ₇ I	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	516.65 126.90	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.1576%
Loss on Drying	TGA	0.749%
Assay		95.4%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Nov 08, 2024

Date: Nov 08, 2024

Date: Nov 08, 2024



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