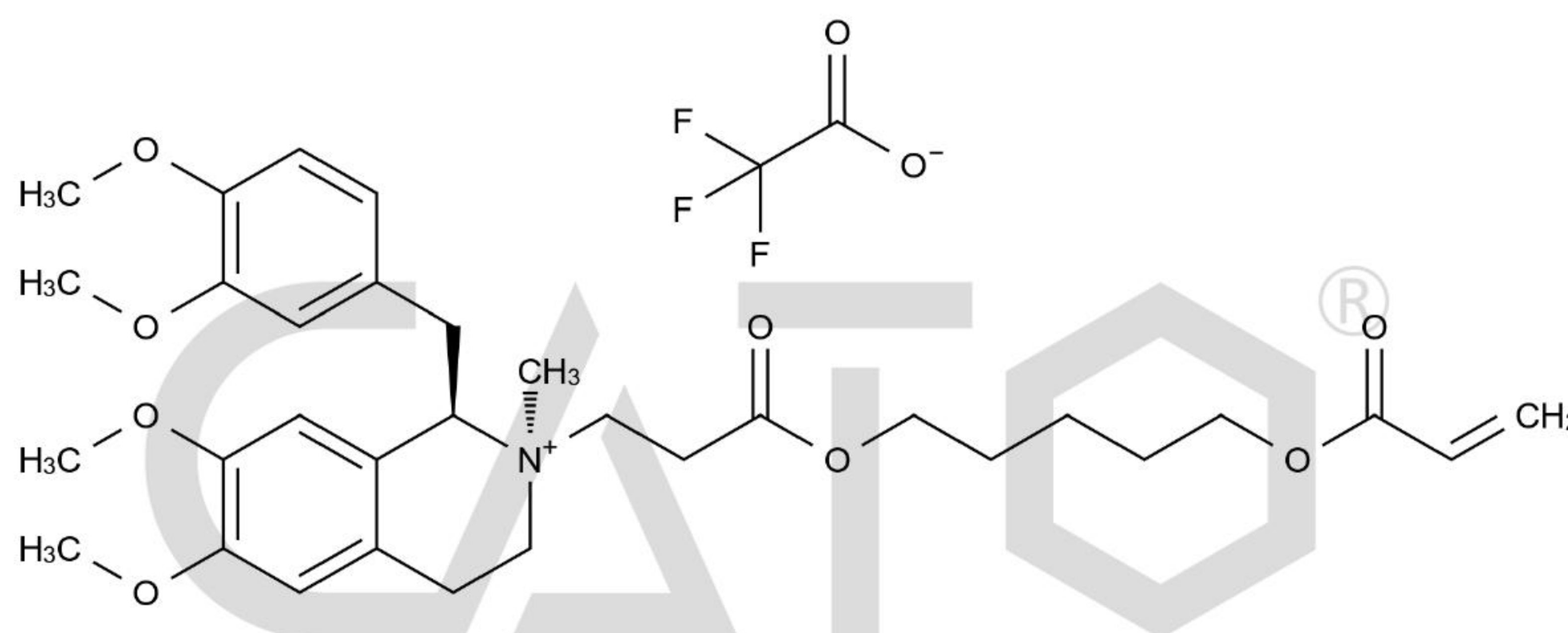


Certificate of Analysis

Reference Material & Standard

Product Name:	Atracurium Impurity 120 TFA	Catalogue Number:	C4X-1850120
Synonyms:	N/A	Lot Number:	0831-RH-0108
CAS Number:	N/A	Expiry Date:	Feb 17, 2029
Molecular Formula:	C ₃₂ H ₄₄ NO ₈ C ₂ F ₃ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	570.69 113.02	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Oil
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	95.425%
Water Content	Karl Fischer	0.36%
Residual Solvents	NMR	0.46% dichloromethane
Assay		94.6%

Comment:

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

Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Sep 01, 2026

Date: Sep 01, 2026

Date: Sep 01, 2026



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