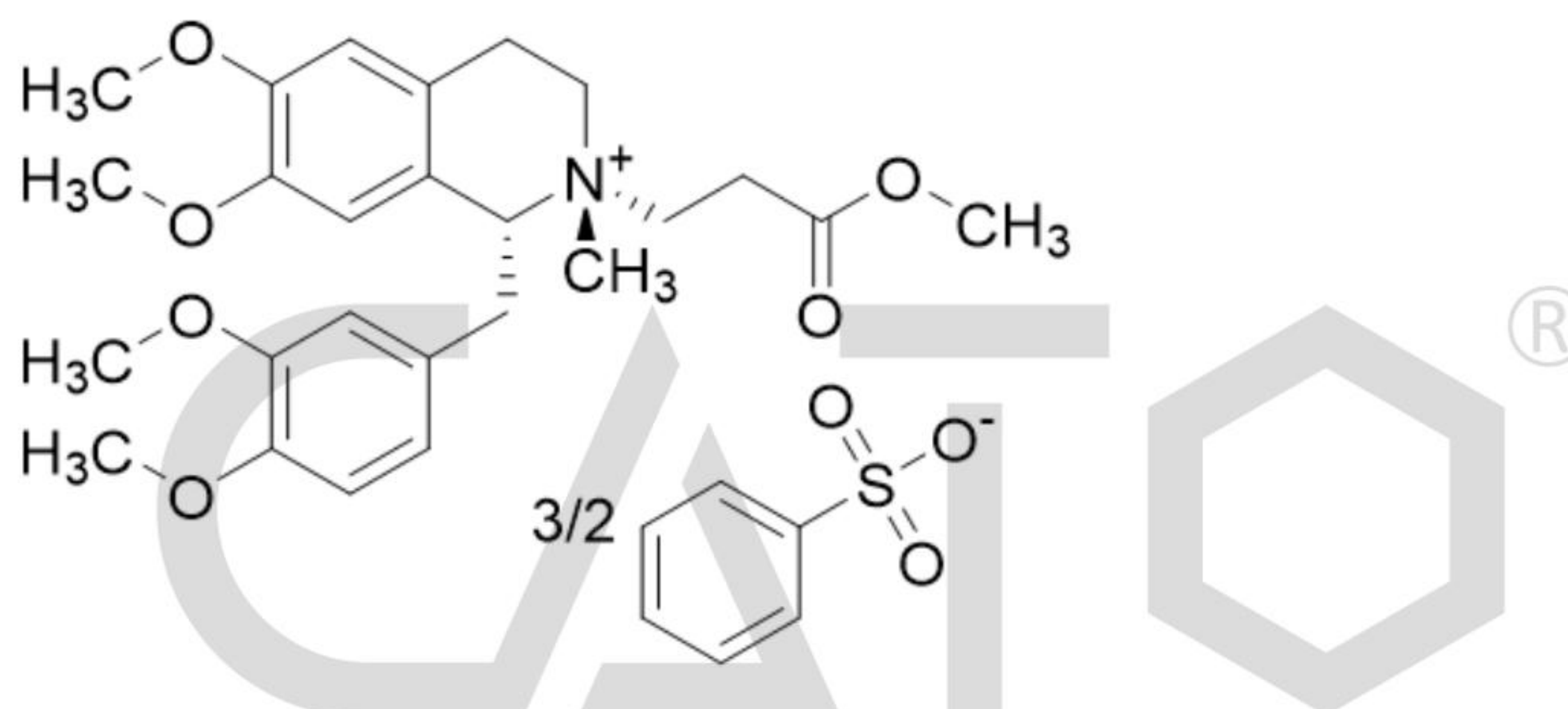


Certificate of Analysis

Reference Material & Standard

Product Name:	Cisatracurium Besilate EP Impurity D 3/2 Besylate	Catalogue Number:	C4X-185093
Synonyms:	N/A	Lot Number:	0831-RH-0109
CAS Number:	N/A	Expiry Date:	Oct 09, 2029
Molecular Formula:	C ₂₅ H ₃₄ NO ₆ 3/2C ₆ H ₅ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	444.55(free base),680.29	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.536%
Water Content	Karl Fischer	0.60%
Residual Solvents	NMR	0.12% acetonitrile
Assay		97.8%

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



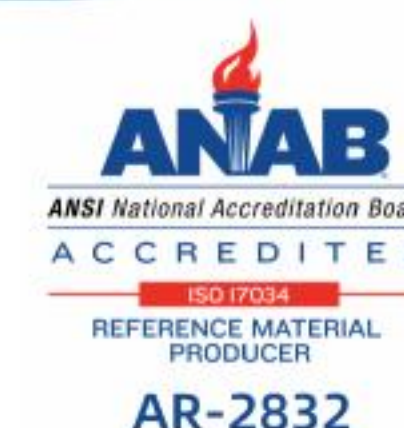
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