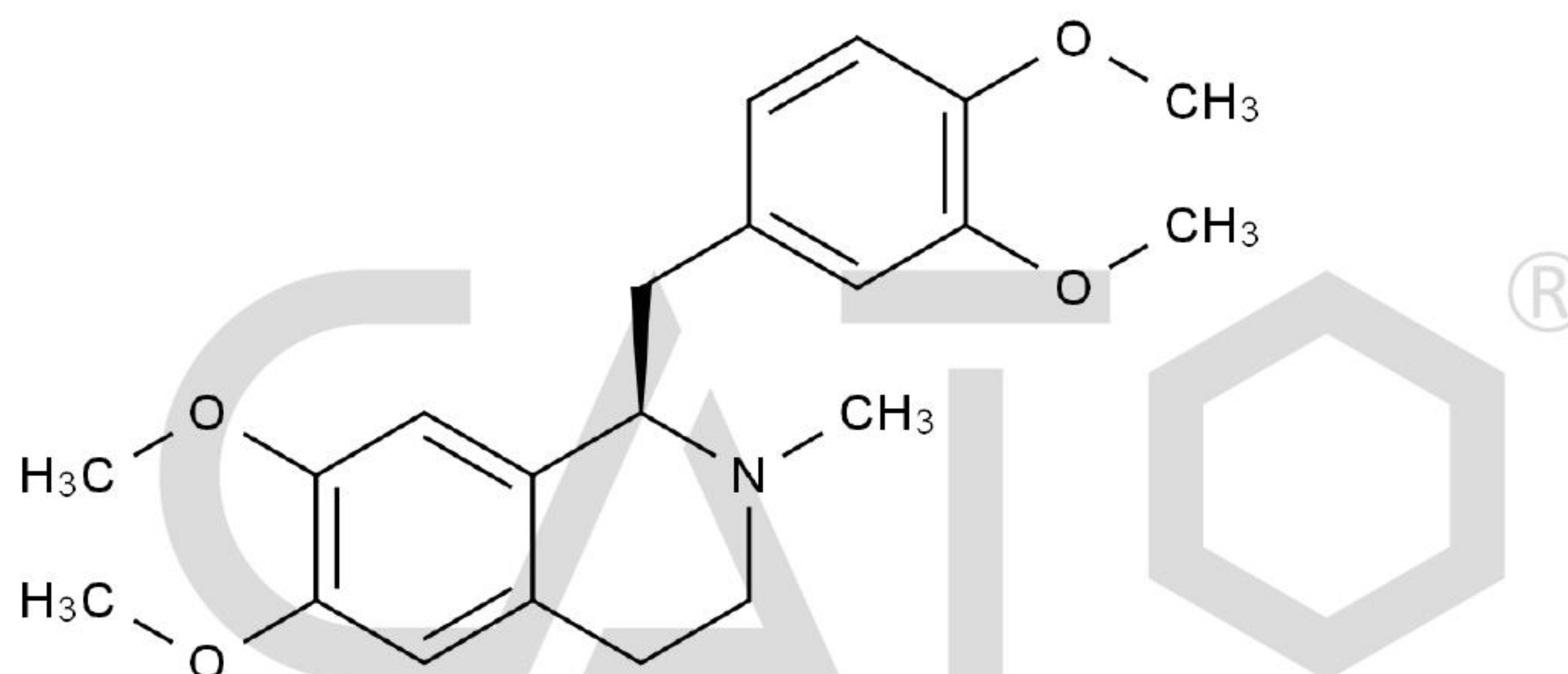


Certificate of Analysis

Reference Material & Standard

Product Name:	Cisatracurium Besilate EP Impurity C ((R)-Laudanosine)	Catalogue Number:	C4X-18505
Synonyms:	1r-Laudanosine	Lot Number:	0831-RH-0027
CAS Number:	85-63-2	Expiry Date:	Dec 18, 2029
Molecular Formula:	C ₂₁ H ₂₇ NO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	357.44	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.81%
Loss on Drying	TGA	0.619%
Assay		99.2%

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:

Reviewed by:

Approved by General Manager:

Date: Sep 04, 2026

Date: Sep 04, 2026

Date: Sep 04, 2026



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