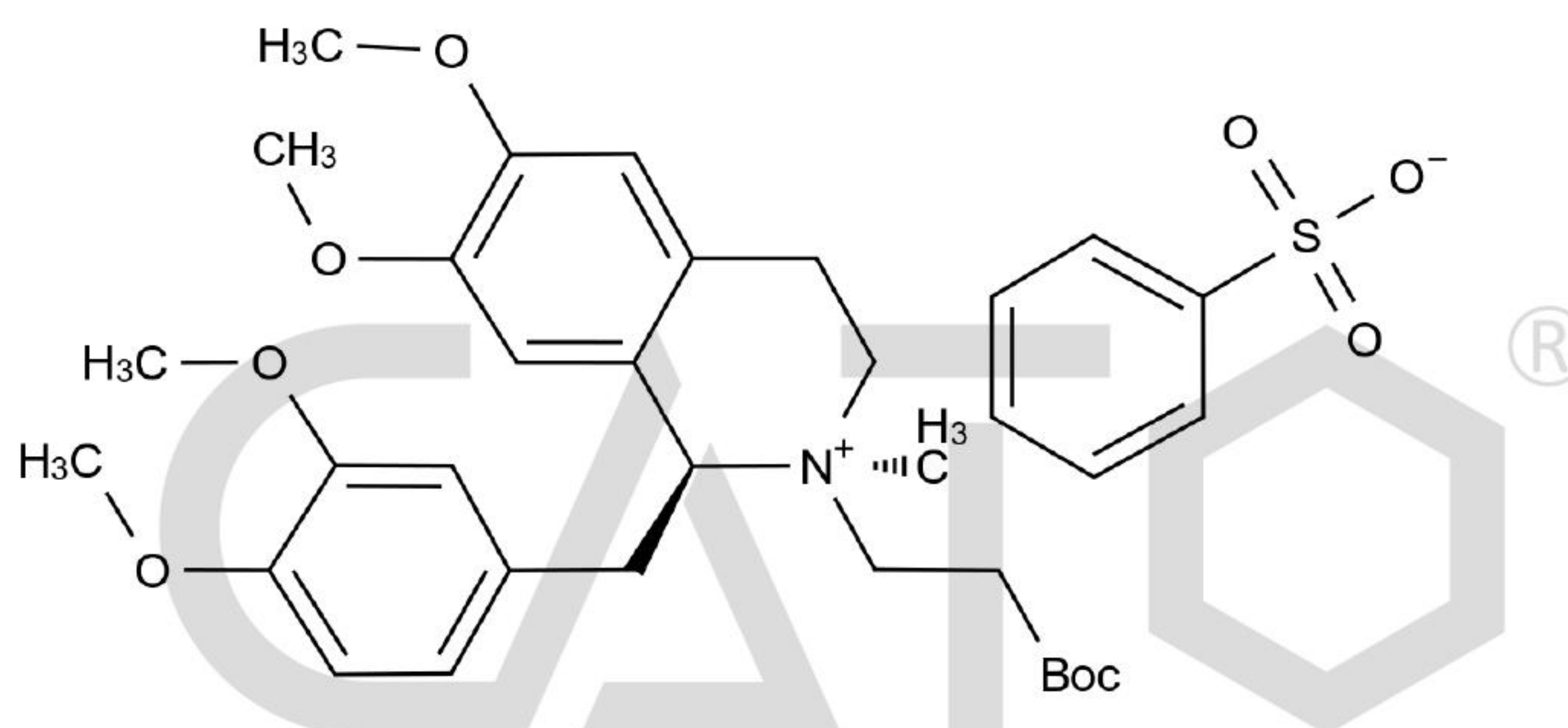


Certificate of Analysis

Reference Material & Standard

Product Name:	Atracurium Impurity 114	Catalogue Number:	C4X-1850114
Synonyms:	N/A	Lot Number:	0816-RH-0063
CAS Number:	N/A	Expiry Date:	Aug 16, 2030
Molecular Formula:	C ₂₈ H ₄₀ NO ₆ C ₆ H ₅ O ₃ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	486.62 157.17	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.35%
Loss on Drying	TGA	0.3017%
Assay		99.1%

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: Aug 18, 2026

Date: Aug 19, 2026

Date: Aug 19, 2026



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