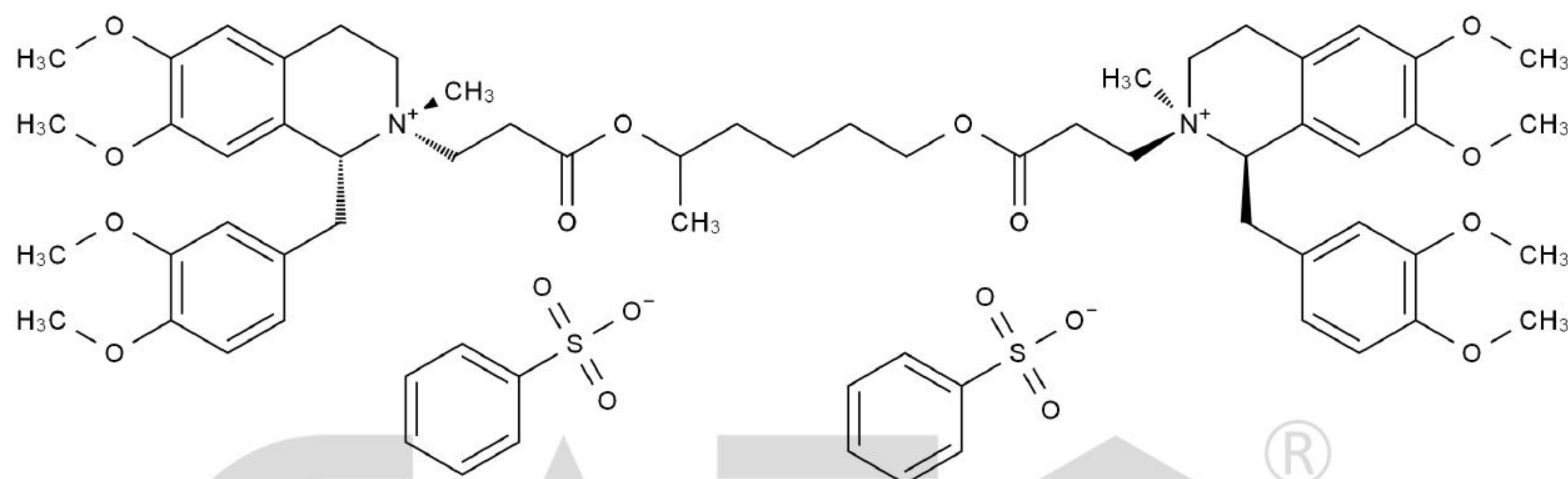


Certificate of Analysis

Reference Material

Product Name:	Atracurium Impurity 14	Catalogue Number:	C4X-185014
Chemical Name:	N/A	Lot Number:	0214-RE-0020
CAS Number:	N/A	Expiry Date:	Feb 16, 2026
Molecular Formula:	C ₅₄ H ₇₄ N ₂ O ₁₂ 2*C ₆ H ₅ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	943.17 2*157.17		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.884%
Loss On Drying	TGA	1.1479%
Assay		95.8%

Comment:

The calculation of the 100% 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:

Hin lam

Reviewed by:

Nacy

Aporoved by General manager:

David

Date: Feb 17, 2023

Date: Feb 17, 2023

Date: Feb 17, 2023

