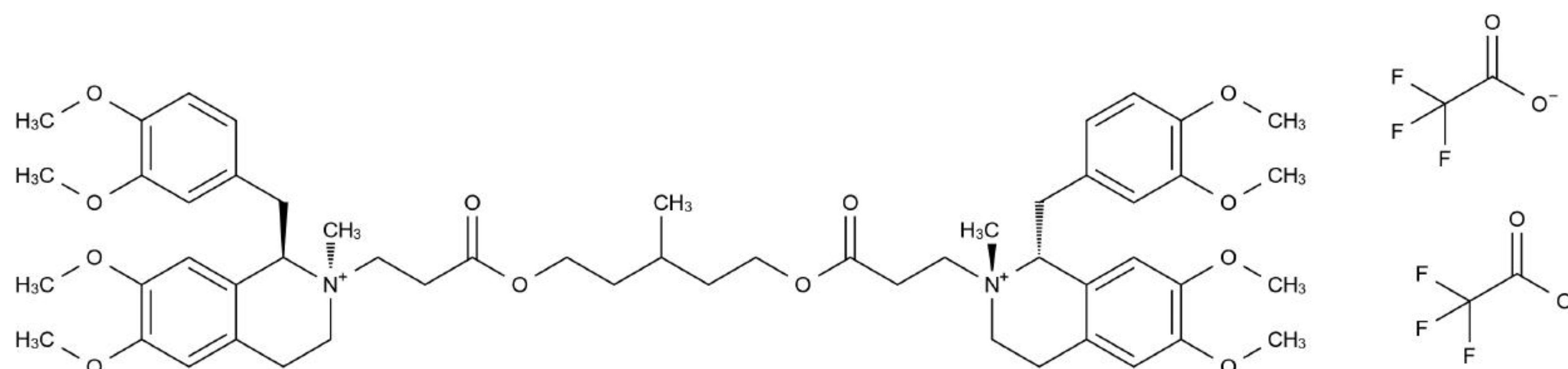


Certificate of Analysis

Reference Material

Product Name:	Atracurium Impurity 73 TFA salt	Catalogue Number:	C4X-185073
Chemical Name:	N/A	Lot Number:	0404-RE-0057
CAS Number:	N/A	Expiry Date:	Aug 10, 2024
Molecular Formula:	C ₅₄ H ₇₄ N ₂ O ₁₂ 2*C ₂ F ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	943.17 2*113.02		

Chemical Structure:



Test Items

Appearance

Identification

Purity

Water Content

Assay

Method

Visual inspection

LCMS&HNMR

HPLC

Karl Fischer

Results

White Solid

Confirmed

97.486%

0.30%

97.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

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

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nacy

Reviewed by:

Xenia

Aproved by General manager:

David

Date: Aug 11, 2021

Date: Apr 10, 2023

Date: Apr 10, 2023

Tel: +86-20-81960175

Fax: +86-20-81717260

Email: supports@cato-chem.com

Web: www.cato-chem.com

Add: Room 101, Building B, No.179, Guangpu East Road, Huangpu District, Guangzhou (Location: Room 301, Room 401, Room 501)

