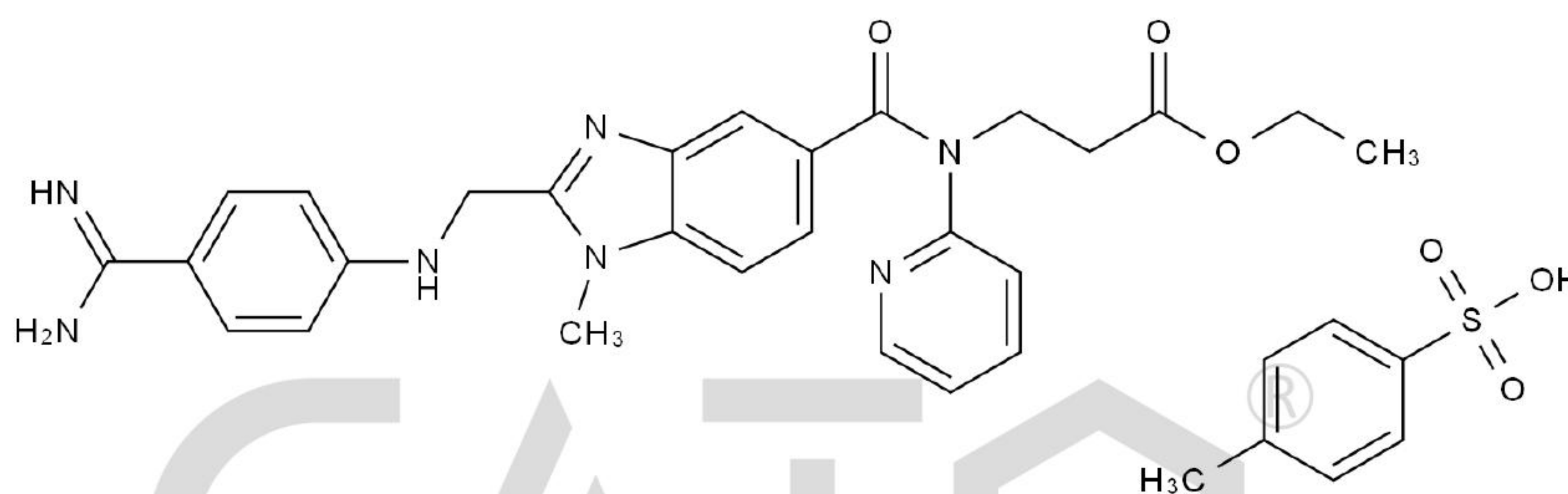


Certificate of Analysis

Reference Material & Standard

Product Name:	Dabigatran Impurity 51	Catalogue Number:	C4X-108951
Synonyms:	N/A	Lot Number:	0316-RE-0038
CAS Number:	872728-85-3	Expiry Date:	Jan 17, 2027
Molecular Formula:	C ₂₇ H ₂₉ N ₇ O ₃ C ₇ H ₈ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	499.56 172.20		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.012%
Water Content	Karl Fischer	0.58%
Assay		98.4%

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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jul 01, 2025

Date: Jul 01, 2025

Date: Jul 01, 2025

