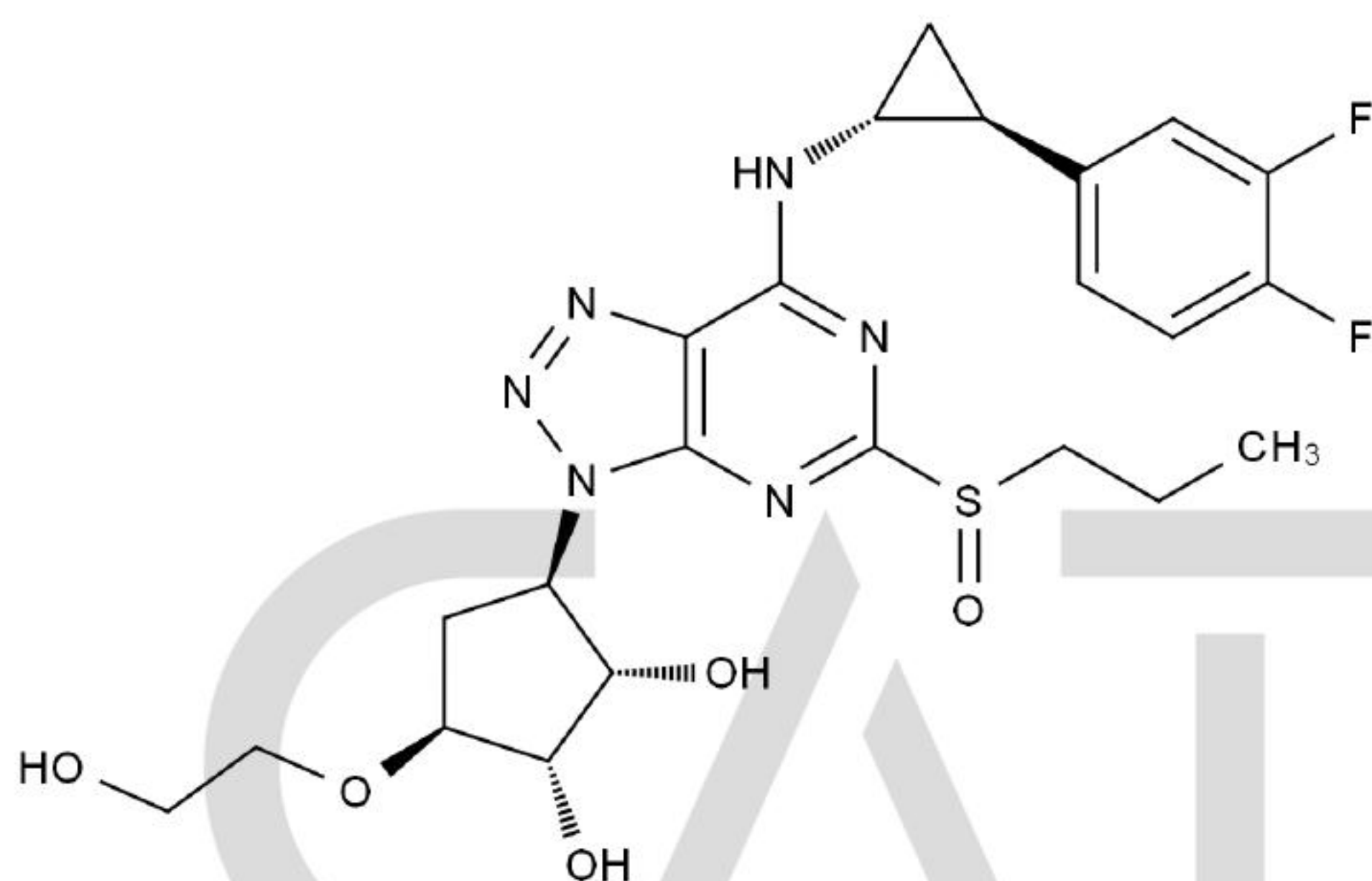


Certificate of Analysis

Reference Material & Standard

Product Name:	Ticagrelor Impurity 12 (Mixture of Diastereomers)	Catalogue Number:	C4X-109312
Synonyms:	N/A	Lot Number:	0624-RG-0043
CAS Number:	1644461-85-7	Expiry Date:	Jun 23, 2028
Molecular Formula:	C23H28F2N6O5S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	538.57		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.593%
Loss On Drying	TGA	0.4610%
Assay		98.1%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 24, 2025

Date: Jun 24, 2025

Date: Jun 24, 2025

