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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2028

**Product Name: Ticagrelor EP Impurity B**

### Identification:

Chemical Name: (1S,2S,3R,5S)-3-((3-((1R,2S)-2-(3,4-difluorophenyl)cyclopropyl)-5-(propylthio)-3H-[1,2,3] triazolo[4,5-d] pyrimidin-7-yl) amino)-5-(2-hydroxyethoxy)cyclopentane-1,2-diol

Synonyms : Ticagrelor USP Related  
Compound B ; Ticagrelor  
Triazole Impurity ; Ticagrelor  
Regiomer impurity

CAS Number : 1788033-05-5

CAT Number : CP-T21002

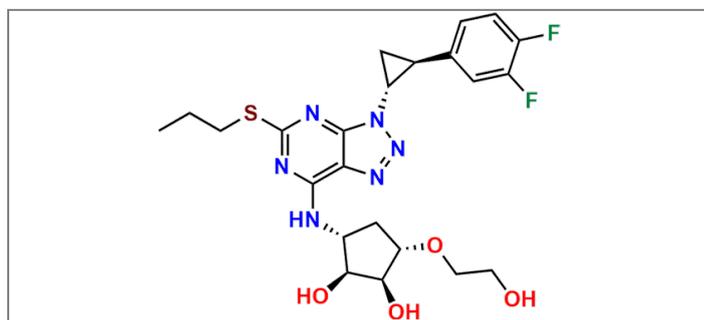
Molecular Formula : C<sub>23</sub>H<sub>28</sub>F<sub>2</sub>N<sub>6</sub>O<sub>4</sub>S

Molecular Weight : 522.57

Batch Number : CHEM-TIC-B

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Red Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.35%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	1.362%
9)	Potency by TGA	97.01%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.