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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

**Product Name: Ticagrelor EP Impurity D**

### Identification:

Chemical Name: 2-[[[(3aR,4S,6R,6aS)-6-[7-[[[(1R,2S)-2-(3,4-difluorophenyl)cyclopropyl]amino]-5-(propylsulfanyl)-3H-[1,2,3]triazolo[4,5-d]pyrimidin-3-yl]-2,2-dimethyltetrahydro-2H,3aH-cyclopenta[d][1,3]dioxol-4-yl]oxy]ethan-1-ol (as per EP)

Synonyms : Ticagrelor IP Impurity H

CAS Number : 274693-26-4

CAT Number : CP-T21004

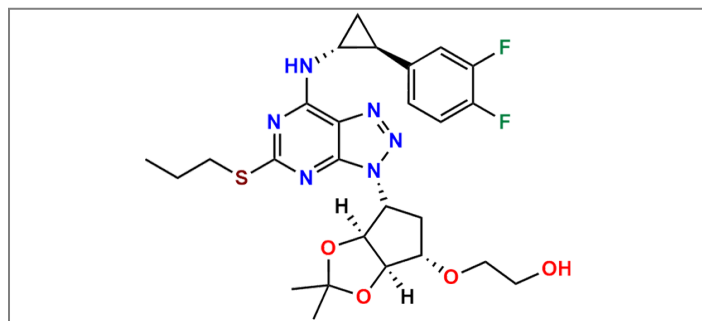
Molecular Formula : C<sub>26</sub>H<sub>32</sub>F<sub>2</sub>N<sub>6</sub>O<sub>4</sub>S

Molecular Weight : 562.63

Batch Number : CHEM-TIC-D

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        | White Solid              |
| 2)      | Solubility         | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS       | Confirm to structure     |
| 4)      | Purity By HPLC     | 96.18%                   |
| 5)      | H1NMR              | Confirm to structure     |
| 6)      | 13CNMR             | Confirm to structure     |
| 7)      | Weight loss by TGA | 0.438%                   |
| 8)      | Potency by TGA     | 95.74%                   |



**Prepared and Reviewed By**

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

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

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

Ms Rohini Gagare  
(QA Head)

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