

Analysis Date: 28-10-2025

Re-test Date: 28-10-2028

## TICAGRELOR EP IMPURITY B

### Identification

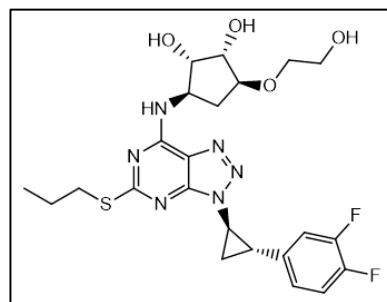
**Chemical Name** : (1S,2S,3R,5S)-3-[[3-[(1R,2S)-2-(3,4-Difluorophenyl)cyclopropyl]-5-(propylsulfanyl)-3H-[1,2,3]triazolo[4,5-d]pyrimidin-7-yl]amino]-5-(2-hydroxyethoxy)cyclopentane-1,2-diol

**CAT No** : ALL-T07456

**CAS No** : 1788033-05-5

**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 g/mol



### Analytical Information

<b>Batch No</b>	: ALL-T07456	<b>HPLC Purity</b>	: 99.34 %
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 98.52 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 °C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.043 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.782 %		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.043 + 0.782) × 99.34]/100 = 98.52 %

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse QA Officer	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

**Attachment** : HPLC, Mass, <sup>1</sup>H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

#### Corporate Office