

**Analysis Date:** 28-01-2029

**Re-test Date:** 28-01-2029

**TICAGRELOR EP IMPURITY C**
**Identification**

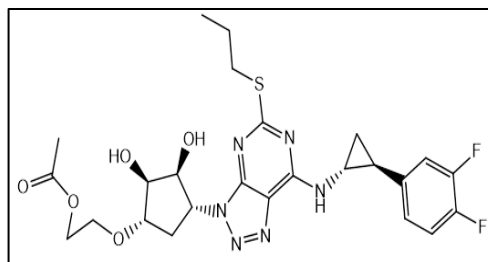
**Chemical Name** : 2-(((1S,2S,3S,4R)-4-(7-(((1R,2S)-2-(3,4-difluorophenyl)cyclopropyl)amino)-5-(propylthio)-3H-[1,2,3]triazolo[4,5-d]pyrimidin-3-yl)-2,3-dihydroxycyclopentyl)oxy)ethyl acetate

**CAT No** : ALL-T07457

**CAS No** : 1616703-93-5

**Molecular Formula** : C<sub>25</sub>H<sub>30</sub>F<sub>2</sub>N<sub>6</sub>O<sub>5</sub>S

**Molecular Weight** : 564.60 g/mol


**Analytical Information**

<b>Batch No.</b>	: ALL-T07457	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 96.50 %
<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>	: 1.463 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.061 %		

**Additional Information**

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (1.463+0.061) × 98.00]/100 = 96.50 %

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
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**