

# CERTIFICATE OF ANALYSIS

(Certificate No. KMT004008-02)

Release Date: 01/12/2025

Re-test Date: 30/11/2028

## Ticagrelor 4,5-Dihydro Isoxazole Impurity

### Identification

**Chemical Name :**

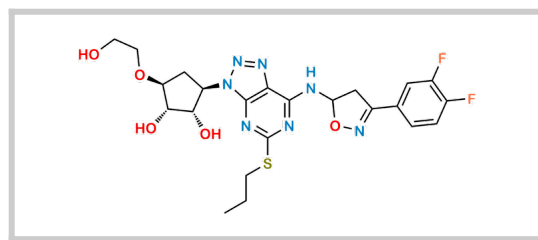
(1S,2S,3R,5S)-3-(7-((3-(3,4-difluorophenyl)-4,5-dihydroisoxazol-5-yl)amino)-5-(propylthio)-3H-[1,2,3]triazolo[4,5-d]pyrimidin-3-yl)-5-(2-hydroxyethoxy)cyclopentane-1,2-diol

CAT No. : KMT004008

CAS No. : NA

Molecular Formula : C<sub>23</sub>H<sub>27</sub>F<sub>2</sub>N<sub>7</sub>O<sub>5</sub>S

Molecular Weight : 551.6



### Analytical Information

Batch No. : T004008-114-033

Description : White Solid

HPLC Purity : 98.21 %

Weight Loss By TGA : 1.70 %

% Potency : 96.54 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.70(Weight Loss By TGA)] x [98.21(HPLC Purity)]/100 = 96.54 %  
-<sup>13</sup>CNMR added on 15.12.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		25/12/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA