

# 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 :

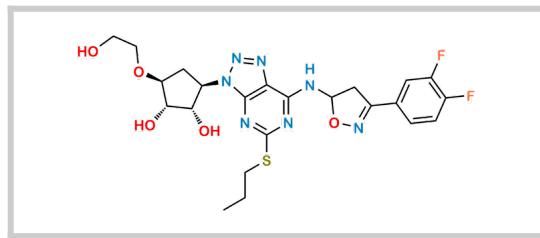
(1S,2S,3R,5S)-3-((7-((3-(3,4-difluorophenyl)-4,5-dihydroisoxazol-5-yl)amino)-5-(propylthio)-3H-[1,2,3]triazolo[4,5-d]pyrimidin-3-yl)-5-(2-hydroxyethoxy)cyclopentane-1,2-diol

**CAT No.** : KMT004008

**CAS No.** : NA

**Molecular Formula** : C23H27F2N7O5S

**Molecular Weight** : 551.6



### Analytical Information

**Batch No.** : T004008-114-033

**Solubility** : Acetonitrile

**Description** : White Solid

**Mass** : Confirm

**HPLC Purity** : 98.21 %

**IR** : Confirm

**Weight Loss By TGA** : 1.70 %

**1H NMR** : Confirm

**% Potency** : 96.54 %

**13C 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 %  
-13CNMR 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, 1HNMR, 13CNMR, IR and TGA