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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2022

Re-test Date: Nov 2025

Product Name: Ticagrelor EP Impurity A

Identification:

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

Synonyms : Ticagrelor IP Impurity B ;
Ticagrelor Amine Impurity

CAS Number : 1251765-07-7

CAT Number : CP-T21001

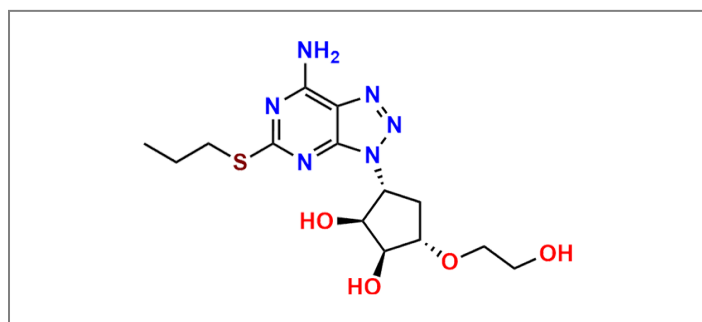
Molecular Formula : C₁₄H₂₂N₆O₄S

Molecular Weight : 370.43

Batch Number : CHEM-TIC-A

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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.7%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	5.752%
8)	Potency by TGA	91.94%



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.