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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

Re-test Date: May 2027

Product Name: Clopidogrel EP Impurity C

Identification:

Chemical Name: Methyl (-)-(R)-(o-chlorophenyl)[6,7-dihydrothieno[3,2-c]pyridine-5(4H)-yl]acetate hydrogen sulfate

Synonyms : Clopidogrel USP Related
Compound C ; Clopidogrel
Bisulfate R-Isomer

CAS Number : 120202-71-3

CAT Number : CP-C2003

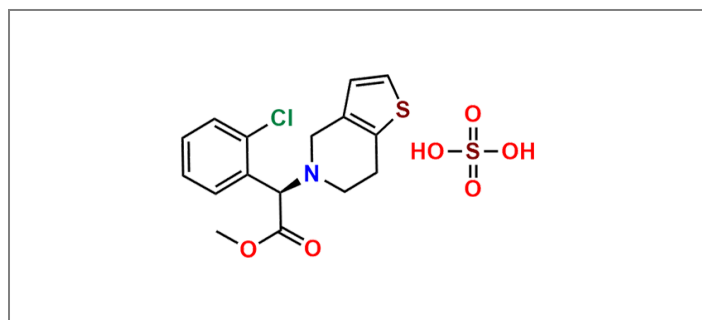
Molecular Formula : C₁₆H₁₆ClNO₂S : H₂O₄S

Molecular Weight : 321.8 : 98.1

Batch Number : CP-CLO-C-0624

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	Pale Yellow To Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	Peak 1 -18.71 (RT-7.764) Peak 2-79.32 (RT-10.212) Total Purity =98.03%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	2.239 %
8)	Potency by TGA	95.83 %



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.