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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

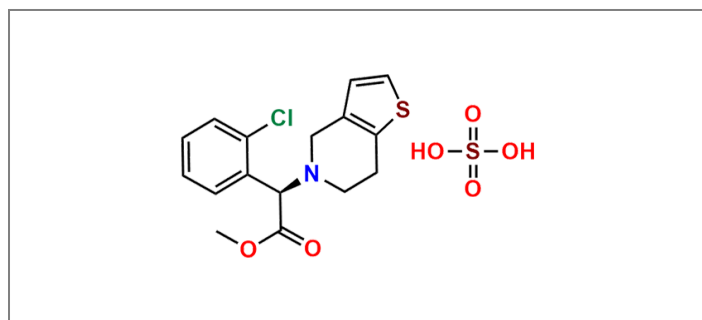
Molecular Formula : C₁₆H₁₆ClNO₂S : H₂O₄S

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 | 98.03% |
| 5) | H1NMR | Confirm to structure |
| 6) | 13CNMR | Confirm to structure |



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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