

## **Certificate of Analysis**

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**Product Name** : Clopidogrel hydrogen sulfate

 Cat. No.
 : PC-45275

 CAS No.
 : 120202-66-6

 Batch No.
 : PC-4527501

**Chemical Name** : Thieno[3,2-c]pyridine-5(4H)-acetic acid,  $\alpha$ -(2-chlorophenyl)-6,7-dihydro-, methyl ester, ( $\alpha$ S)-,

sulfate (1:1)

## **PHYSICAL AND CHEMICAL PROPERTIES**

 $\begin{array}{lll} \textbf{Molecular Weight} & : & 419.9002 \\ \textbf{Molecular Formula} & : & C_{16} H_{18} \text{CINO}_6 S_2 \\ \end{array}$ 

**Storage** : Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure** 

## **ANALYTICAL DATA**

Appearance : Solid powder

1 H NMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with

**Purity (HPLC)** : >98%

**Conclusion**: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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