

# **CERTIFICATE OF ANALYSIS**

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#### 1. Identification

Catalogue Number: C587235 CAS Number: 144750-42-5

Synonym: (S)-a-(2-Chlorophenyl)-6,7-

dihydrothieno[3,2-c]pyridine-5(4H)-acetic Acid Hydrochloride; SR 26334 Hydrochloride; Clopidogrel EP Impurity A; Clopidogrel

Impurity A; Clopidogrel USP A

Structure:

Product:

S CI HCI

Clopidogrel Carboxylic Acid

Hydrochloride

Molecular Formula: C15H15Cl2NO2S

Molecular weight:

344.26

Source of Product:

Synthetic **Solubility:** 

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

Lot 2-RIT-52-1

Purity: 97%

**Shipping** This Product Is Stable To Be **Condition:** Shipped At Room Temperature

Storage Condition: -20°C

### 2. Warning

Warning 1: Hygroscopic Warning 2: Warning 3:

#### 3. Analytical Information

Tests: Specifications: Results:

Appearance Off-White to Pale Yellow Solid Off-White to Pale Yellow Solid

NMR Conforms to Structure Conforms
MS Conforms to Structure Conforms

Additional Information: NA

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm$  2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

Reviewed ByReviewed ByC of A Approved ByTest DateRetest DateEric BeatonNeha KhannaClarissa Santos3/28/20193/26/2026

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