



CERTIFICATE OF ANALYSIS

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1. Identification

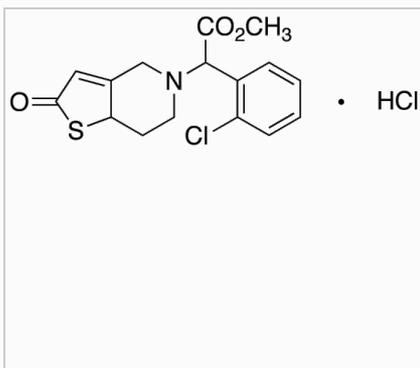
Catalogue Number: O869990

CAS Number: 1219432-42-4

Product: 2-Oxo Clopidogrel Hydrochloride (Mixture of Diastereomers)

Synonym: α -(2-Chlorophenyl)-2,6,7,7a-tetrahydro-2-oxo-thieno[3,2-c]pyridine-5(4H)-acetic Acid Methyl Ester Hydrochloride;

Structure:



Molecular Formula:

C₁₆H₁₇Cl₂NO₃S

Molecular weight:

374.28

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 2-GAB-58-1

Purity: 94%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Beige Solid	Pale Beige Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	94.71% (220 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

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 By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	3/1/2023	2/27/2030