

CERTIFICATE OF ANALYSIS

(Certificate No. KMC204016-01)

Release Date: 21/09/2024

Re-test Date: 20/09/2027

Clopidogrel Related Compound B

Identification

Chemical Name :

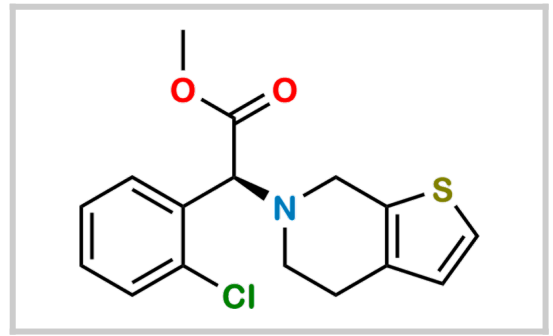
Methyl (2S)-(o-chlorophenyl)[4,5-dihydrothieno[2,3-c]pyridine-6(7H)-yl]acetate

CAT No. : KMC204016

CAS No. : 1396841-05-6

Molecular Formula : C₁₆H₁₆ClNO₂S

Molecular Weight : 321.8



Analytical Information

Batch No. : C204016-073-382

Description : Off White Solid

HPLC Purity : 99.36 %

Weight Loss By TGA : 0.49 %

% Potency : 98.87 %

Solubility : ACN : Water (1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.49(Weight Loss By TGA)] x [99.36(HPLC Purity)]/100 = 98.87 %

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 23/09/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 23/09/2024 |

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA