

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-C044010-1057)

Analysis Date: 08/03/2021

Re-test Date: 05/03/2023

Clopidogrel Impurity E

Identification

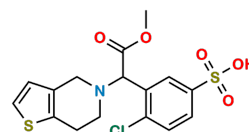
Chemical Name : 4-chloro-3-(1-(6,7-dihydrothieno[3,2-c]pyridin-5(4H)-yl)-2-methoxy-2-oxoethyl)benzenesulfonic acid

CAT No. : SZ-C044010

CAS No. : NA

Molecular Formula : C₁₆H₁₆ClNO₅S₂

Molecular Weight : 401.9



Analytical Information

Batch Code : SRL-447-52

Solubility : ACN:H₂O(8:2)

Appearance of product : Off White Solid

Long Term Storage : 2-8 °C for long term storage

Weight Loss By TGA : 0.55 %

HPLC Purity : 98.90 %

Mass : Confirm

IR Analysis : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

DEPT Analysis : Confirm

Additional Information

% Potency = [100 - 0.55 (Wt loss by TGA)] X [98.90 (HPLC Purity)] / 100 = 98.36 %

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, ¹H NMR, IR, TGA, ¹³C NMR, DEPT

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.