



LKT Laboratories, Inc.

Clopidogrel Sulfate

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Product Information

Product ID C4658

CAS No. 120202-66-6

Chemical Name (α S)- α -(2-Chlorophenyl)-6,7-dihydrothieno[3,2-c]-pyridine-5(4H)-acetic acid methyl ester

Synonym Clopidogrel hydrogen sulfate, Plavix

Formula C₁₆H₁₆ClNO₂S • H₂SO₄

Formula Wt. 419.90

Melting Point 184° C

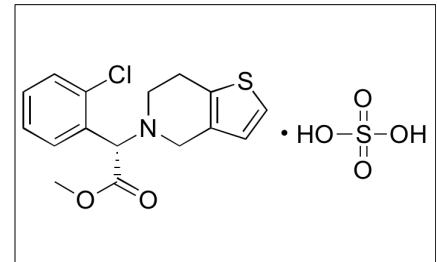
Purity ≥98%

Solubility Soluble in water (84mg/mL), methanol, ethanol (84mg/mL), and DMSO(84mg/mL)

Store Temp Ambient

Ship Temp Ambient

Description Clopidogrel is a first generation thienopyridine P2Y₁₂ receptor inhibitor. Clopidogrel acts as a cardioprotective antithrombotic/anticoagulant that is clinically used to treat coronary artery disease and peripheral vascular disease and also to prevent myocardial infarction and stroke.



Bulk quantities available upon request

Product ID	Size
C4658	100 mg
C4658	500 mg
C4658	1 g
C4658	5 g

References Thomas MR, Storey RF. Impact of aspirin dosing on the effects of P2Y₁₂ inhibition in patients with acute coronary syndromes. *J Cardiovasc Transl Res.* 2014 Feb;7(1):19-28. PMID: 24309957.

Ferri N, Corsini A, Bellosa S. Pharmacology of the new P2Y₁₂ receptor inhibitors: insights on pharmacokinetic and pharmacodynamic properties. *Drugs.* 2013 Oct;73(15):1681-709. PMID: 24114622.

Sato Y, Miyashita A, Iwatsubo T, Usui T. Conclusive identification of the oxybutynin-hydrolyzing enzyme in human liver. *Drug Metab Dispos.* 2012 May;40(5):902-906. PMID: 22293119.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.