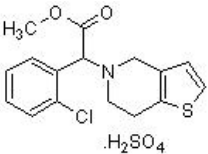


## Product datasheet

# (plusminus)-Clopidogrel sulfate, P2Y<sub>12</sub> antagonist ab120387

### Overview

<b>Product name</b>	(plusminus)-Clopidogrel sulfate, P2Y <sub>12</sub> antagonist
<b>Description</b>	Potent, selective P2Y <sub>12</sub> antagonist
<b>Biological description</b>	Potent, selective P2Y <sub>12</sub> antagonist. Potent antithrombotic drug that inhibits ADP-induced platelet aggregation. Clopidogrel is not active <i>in vitro</i> and is the precursor to an active metabolite formed in the liver.
<b>Purity</b>	> 99%
<b>CAS Number</b>	135046-48-9
<b>Chemical structure</b>	

### Properties

<b>Chemical name</b>	Methyl 2-(2-chlorophenyl)-2-(6,7-dihydrothieno[3,2-c]pyridin-5(4H)-yl)acetate hydrogensulfate
<b>Molecular weight</b>	419.89
<b>Molecular formula</b>	C <sub>16</sub> H <sub>16</sub> ClNO <sub>2</sub> S.H <sub>2</sub> SO <sub>4</sub>
<b>Storage instructions</b>	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 10 mM and in ethanol to 100 mM (with heating)
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	<chem>O=S(O)O.Clc1ccccc1C(N2CCc3sccc3C2)C(=O)OC</chem>
<b>Source</b>	Synthetic

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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