



Certificate of analysis

Product name: Clopidogrel bisulfate

Cas number: 120202-66-6

Molecular Formula: $C_{16}H_{16}ClNO_2S \cdot H_2SO_4$

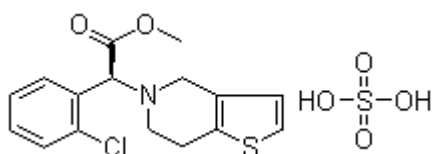
Molecular Weight: 419.03

Date of production: Aug. 10, 2017

Batch NO: 20170810

Expiry Date: Aug. 09, 2019

Chemical structure:



Items	Specifications	Results
Description	Off white to white crystalline powder	Conform
Identification	NMR HPLC	Conform
Each related substances	$\leq 0.5\%$	conform
Loss on drying	$\leq 0.5\%$	0.2%
Residual on ignition	$\leq 0.1\%$	<0.1%
Related substances	Impurity B (the first enantiomer $\leq 0.1\%$)	<0.1%
	Any other impurity $\leq 0.1\%$	<0.1%
	Total impurity $\leq 0.5\%$	0.2%
	Impurity C $\leq 0.5\%$	0.1%
Assay	97%~101%	99.9%

Conclusion: It complies with the USP37 Standard.

Analyst:Zhao

Checker:Liu

Q.C Director. Fang F