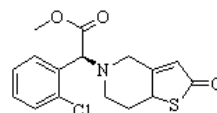


Certificate of Analysis

Product: Clopidogrel thiolactone
 M.Wt: 337.82
 Formula: $C_{16}H_{16}ClNO_3S$
 CAS No.: 1147350-75-1
 Batch Number: 20190319
 Manufacture date : 2019-03-19
 Retest date : 2021-03-18
 Storage : Powder 4°C 2years ; -20°C 3years



Item	Specification	Results
Identification	NMR,LCMS	Conform
Appearance	Brown solid	Conform
Purity	>95%	Conform

Conclusion: Complies with In-house standard.

Caution: Product has not been fully validated for medical applications. For research use only.

For and on behalf of
SHANGHAI BIOCHEMPARTNER CO., LIMITED

QA manager : 向玉田



Note : Products protected by valid patents are not offered for sale in countries where the sale of such products constitutes a patent infringement and its liability is at buyer's risk. This item is only for R&D purpose not for commercial business in kilos. Buyers should overview the patent issue in their countries.