
Product Data Sheet

Product Name: cis-Clopidogrel-MP Derivative

Cat. No.: GC60712

Chemical Properties

Cas. No. 1122047-98-6

SMILES COC1=CC=CC(C(CSC2CCN([C@H](C(OC)=O)C3=C(Cl)C=CC=C3)C/C2=C/C(O)=O)=O)=C1Formula C₂₅H₂₆ClNO₆S M.Wt 504

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

cis-Clopidogrel-MP Derivative (Clopidogrel-MP-AM) is a 3'-methoxyacetophenone derivative of Clopidogrel active metabolite[1]. Clopidogrel is an orally active platelet inhibitor that targets P2Y₁₂ receptor[2].

[1]. Makoto Takahashi, et al. Quantitative determination of clopidogrel active metabolite in human plasma by LC-MS/MS. *Journal of Chromatography B*. 2008 Dec 1;48(4):1219-24. [2]. Zongyu Zheng, et al. Clopidogrel Reduces Fibronectin Accumulation and Improves Diabetes-Induced Renal Fibrosis. *International Journal of Biological Sciences*. 2019 Jan.

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

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