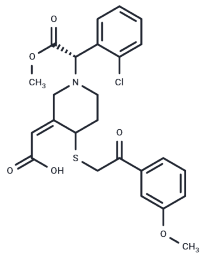
Data Sheet (Cat.No.T38506)

TargetMol

cis-Clopidogrel-MP derivative

Chemical Properties



CAS No. : 1122047-98-6

Formula: C25H26ClNO6S

Molecular Weight: 503.99

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	cis-Clopidogrel-MP derivative, also known as Clopidogrel-MP-AM, is a 3'-methoxyacetophenone derivative of Clopidogrel active metabolite. This compound is an orally-active platelet inhibitor specifically targeting the P2Y12 receptor.
Targets(IC50)	Others,Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9842 mL	9.9208 mL	19.8417 mL
5 mM	0.3968 mL	1.9842 mL	3.9683 mL
10 mM	0.1984 mL	0.9921 mL	1.9842 mL
50 mM	0.0397 mL	0.1984 mL	0.3968 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Makoto Takahashi, et al. Quantitative determination of clopidogrel active metabolite in human plasma by LC-MS/MS. harm Biomed Anal. 2008 Dec 1;48(4):1219-24.

Zongyu Zheng, et al. Clopidogrel Reduces Fibronectin Accumulation and Improves Diabetes-Induced Renal Fibrosis. Int J Biol Sci. 2019 Jan.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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