Data Sheet (Cat.No.T212852)

TargetMol

5-Chloro-2-[[[2-[[3-(furan-2-yl)phenyl]amino]-2-oxoethoxy]acetyl]amino]benzoic acid

Chemical Properties

CAS No. : 1190221-46-5

Formula: C21H17ClN2O6

Molecular Weight: 428.82

Storage: Keep away from moisture,Store at low temperature
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	5-Chloro-2-[[[2-[[3-(furan-2-yl)phenyl]amino]-2-oxoethoxy]acetyl]amino]benzoic acid is a novel orally active PAI-1 inhibitor that modulates fibrinolysis and metabolism-related pathways by downregulating PAI-1 activity, thereby improving metabolic parameters and alleviating hepatic steatosis in a high-fat diet mouse model.
Targets(IC50)	PAI-1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.332 mL	11.6599 mL	23.3198 mL
5 mM	0.4664 mL	2.332 mL	4.664 mL
10 mM	0.2332 mL	1.166 mL	2.332 mL
50 mM	0.0466 mL	0.2332 mL	0.4664 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

Yamaoka N, et al. Identification of novel plasminogen activator inhibitor-1 inhibitors with improved oral bioavailability: Structure optimization of N-acylanthranilic acid derivatives. Bioorg Med Chem Lett. 2018 Feb 15;28 (4):809-813.

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