

CDE-096

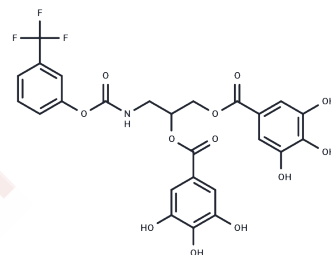
Chemical Properties

CAS No. : 1228357-04-7

Formula: C₂₅H₂₀F₃N₂O₁₂

Molecular Weight: 583.42

Storage: Keep away from moisture, Keep away from direct sunlight
 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	CDE-096 is a potent inhibitor of plasminogen activator inhibitor-1 that prevents PAI-1-mediated inactivation of tissue plasminogen activator and urokinase plasminogen activator with nanomolar potency, while maintaining activity against glycosylated and multispecies PAI-1, enabling translational research in fibrinolysis and thrombosis regulation.
Targets(IC50)	PAI-1

Solubility Information

Solubility	DMSO: 80 mg/mL (137.12 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.714 mL	8.5702 mL	17.1403 mL
5 mM	0.3428 mL	1.714 mL	3.4281 mL
10 mM	0.1714 mL	0.857 mL	1.714 mL
50 mM	0.0343 mL	0.1714 mL	0.3428 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

Li SH, et al. Mechanistic characterization and crystal structure of a small molecule inactivator bound to plasminogen activator inhibitor-1. Proc Natl Acad Sci U S A. 2013 Dec 17;110(51):E4941-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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