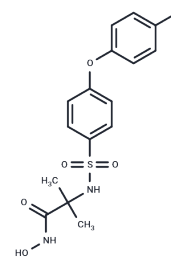


CP-471474

Chemical Properties

CAS No. : 210755-45-6
 Formula: C₁₆H₁₇FN₂O₅S
 Molecular Weight: 368.38
 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	Broad spectrum MMP inhibitor (IC ₅₀ values are 0.7, 0.9, 13, 16 and 1170 nM for MMP-2, MMP-13, MMP-9, MMP-3 and MMP-1 respectively). Attenuates early left ventricular dilation after experimental myocardial infarction in mice.
Targets(IC50)	MMP,Others

Solubility Information

Solubility	DMSO: <36.84 mg/mL, 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	2.7146 mL	13.5729 mL	27.1459 mL
5 mM	0.5429 mL	2.7146 mL	5.4292 mL
10 mM	0.2715 mL	1.3573 mL	2.7146 mL
50 mM	0.0543 mL	0.2715 mL	0.5429 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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