

CAY10509

Chemical Properties

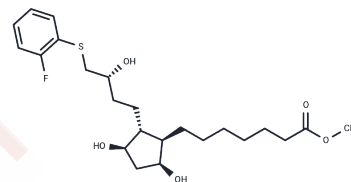
CAS No. : 1245699-47-1

Formula: C₂₃H₃₅F₀O₅S

Molecular Weight: 442.58

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	CAY10509 is a PGF ₂ α analogue and acts as an FP receptor inhibitor with an IC ₅₀ of 30 nM. It shows potential for use in studying the physiological regulatory mechanisms related to prostaglandins.
Targets(IC ₅₀)	Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2595 mL	11.2974 mL	22.5948 mL
5 mM	0.4519 mL	2.2595 mL	4.519 mL
10 mM	0.2259 mL	1.1297 mL	2.2595 mL
50 mM	0.0452 mL	0.2259 mL	0.4519 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

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