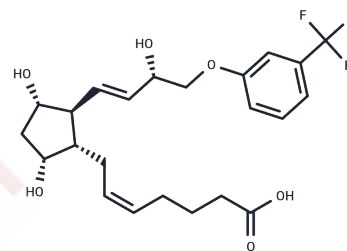


Fluprostenol

Chemical Properties

CAS No. : 40666-16-8
 Formula: C₂₃H₂₉F₃O₆
 Molecular Weight: 458.47
 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	Fluprostenol (ICI 81008), a synthetic derivative of prostaglandin F ₂ α (PGF ₂ α), serves as a luteolytic agent that promotes luteal degeneration and helps in regulating the reproductive cycle. It is employed in research on animal infertility and in controlling the reproductive cycles of domestic animals.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1812 mL	10.9058 mL	21.8117 mL
5 mM	0.4362 mL	2.1812 mL	4.3623 mL
10 mM	0.2181 mL	1.0906 mL	2.1812 mL
50 mM	0.0436 mL	0.2181 mL	0.4362 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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