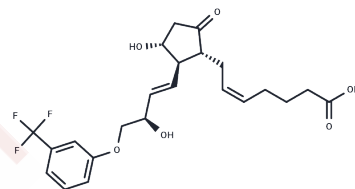


9-keto Fluprostenol

Chemical Properties

CAS No. :	156406-33-6
Formula:	C ₂₃ H ₂₇ F ₃ O ₆
Molecular Weight:	456.458
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	9-Keto Fluprostenol, a potent analog of prostaglandin E2 (PGE2), features structural modifications aimed at enhancing its half-life and potency. It derives from Fluprostenol, a thoroughly researched, potent analog of PGF2 α , primarily interacting with the FP receptor. The creation of 9-Keto Fluprostenol through the oxidation at C-9 of Fluprostenol suggests a high affinity for EP receptors, potentially functioning as a PGE2 agonist.
Targets(IC50)	Others, Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1908 mL	10.9539 mL	21.9077 mL
5 mM	0.4382 mL	2.1908 mL	4.3815 mL
10 mM	0.2191 mL	1.0954 mL	2.1908 mL
50 mM	0.0438 mL	0.2191 mL	0.4382 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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