

Isopropyl 5-(Diphenylphosphoryl)pentanoate

Chemical Properties

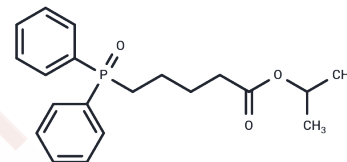
CAS No. : 2088449-88-9

Formula: C₂₀H₂₅O₃P

Molecular Weight: 344.4

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	Latanoprost, the isopropyl ester of 17-phenyl-13,14-dihydro prostaglandin F _{2α} , serves as a prodrug for the free acid form, a potent FP receptor agonist in the eye. Isopropyl 5-(diphenylphosphoryl)pentanoate may exist as a potential trace impurity in commercial latanoprost preparations.
Targets(IC50)	Others,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9036 mL	14.518 mL	29.036 mL
5 mM	0.5807 mL	2.9036 mL	5.8072 mL
10 mM	0.2904 mL	1.4518 mL	2.9036 mL
50 mM	0.0581 mL	0.2904 mL	0.5807 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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