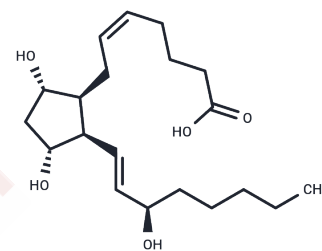


8-iso-15(R)-Prostaglandin F2 α

Chemical Properties

CAS No. :	214748-65-9
Formula:	C ₂₀ H ₃₄ O ₅
Molecular Weight:	354.5
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	8-iso-15(R)-Prostaglandin F2 α (8-iso-15(R) PGF2 α) is a chemically distinct member within a broad group of prostaglandin-like eicosanoids, produced through the free radical peroxidation of arachidonic acid contained in membrane phospholipids. It represents the C-15 epimer of 8-isoPGF2 α , distinguished as the sole isoprostane isomer extensively examined across numerous biological systems.
Targets(IC50)	Others,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8209 mL	14.1044 mL	28.2087 mL
5 mM	0.5642 mL	2.8209 mL	5.6417 mL
10 mM	0.2821 mL	1.4104 mL	2.8209 mL
50 mM	0.0564 mL	0.2821 mL	0.5642 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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