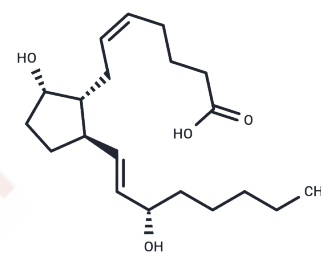


11-deoxy-PGF2a

Chemical Properties

CAS No. :	37786-06-4
Formula:	C ₂₀ H ₃₄ O ₄
Molecular Weight:	338.48
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	11-deoxy-PGF2a is a thromboxane A2 receptor agonist that partially alleviates crowding in Lpar3(-/-) female embryos and induces smooth muscle contraction in the aorta, vena cava, and trachea.
Targets(IC50)	Potassium Channel,Thrombin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9544 mL	14.7719 mL	29.5438 mL
5 mM	0.5909 mL	2.9544 mL	5.9088 mL
10 mM	0.2954 mL	1.4772 mL	2.9544 mL
50 mM	0.0591 mL	0.2954 mL	0.5909 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.

Reference

Dadi PK, et al., Selective Small Molecule Activators of TREK-2 Channels Stimulate Dorsal Root Ganglion c-Fiber Nociceptor Two-Pore-Domain Potassium Channel Currents and Limit Calcium Influx. ACS Chem Neurosci. 2017 Mar 15;8(3):558-568.

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