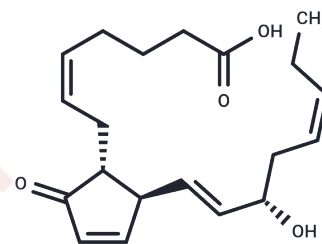


Prostaglandin A3

Chemical Properties

CAS No. : 36614-31-0
 Formula: C₂₀H₂₈O₄
 Molecular Weight: 332.43
 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	Prostaglandin A3 is a non-enzymatic dehydration product of prostaglandin E3 (PGE3). It demonstrates significant affinity for canine EP2 and EP4 receptors with IC ₅₀ values of 120 nM and 20 nM, respectively. For human PPAR γ , Prostaglandin A3 has a K _i value of 188 μ M.
Targets(IC ₅₀)	PPAR,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0082 mL	15.0408 mL	30.0815 mL
5 mM	0.6016 mL	3.0082 mL	6.0163 mL
10 mM	0.3008 mL	1.5041 mL	3.0082 mL
50 mM	0.0602 mL	0.3008 mL	0.6016 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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