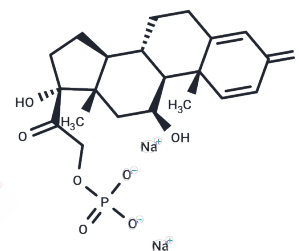


Prednisolone disodium phosphate

Chemical Properties

CAS No. :	125-02-0
Formula:	C ₂₁ H ₂₇ Na ₂ O ₈ P
Molecular Weight:	484.39
Storage:	Store at low temperature, Keep away from moisture 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	Prednisolone disodium phosphate, a synthetic glucocorticoid, has immunomodulating and anti-inflammatory properties.
Targets(IC50)	Glucocorticoid Receptor

Solubility Information

Solubility	DMSO: 1 mg/mL (2.06 mM), Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0645 mL	10.3223 mL	20.6445 mL
5 mM	0.4129 mL	2.0645 mL	4.1289 mL
10 mM	0.2064 mL	1.0322 mL	2.0645 mL
50 mM	0.0413 mL	0.2064 mL	0.4129 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

Ikonomidis I, et al. Heart. 2009 Sep;95(18):1502-7.

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