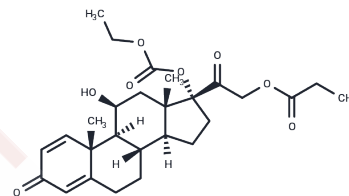


Prednicarbate

Chemical Properties

CAS No. :	73771-04-7
Formula:	C ₂₇ H ₃₆ O ₈
Molecular Weight:	488.57
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	Prednicarbate (Hoe 777) is a Corticosteroid Hormone Receptor Agonist. Prednicarbate has antipruritic, anti-inflammatory, and vasoconstrictive properties. It also decreases the number of circulating lymphocytes by inhibiting the production of vasodilators such as nitric oxide and prostacyclin.
Targets(IC50)	Glucocorticoid Receptor, Others

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: 10 mg/mL (20.47 mM), 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	2.0468 mL	10.2339 mL	20.4679 mL
5 mM	0.4094 mL	2.0468 mL	4.0936 mL
10 mM	0.2047 mL	1.0234 mL	2.0468 mL
50 mM	0.0409 mL	0.2047 mL	0.4094 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

Otero-Rivas MM, Ruiz-González I, Pérez-Bustillo A, Rodríguez-Prieto MÁ. Allergic contact dermatitis caused by prednicarbate presenting as chronic hand eczema. *Contact Dermatitis*. 2015 Jul;73(1):51-2.

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Katzer K, et al. Topical therapy with nadifloxacin cream and prednicarbate cream improves acneiform eruptions caused by the EGFR-inhibitor cetuximab - A report of 29 patients. *Eur J Dermatol*. 2010 Jan-Feb;20(1):82-4.

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