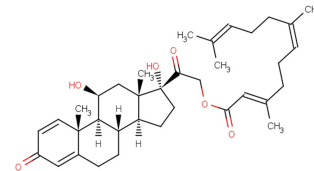


## Prednisolone farnesylate

## Chemical Properties

CAS No.:	118244-44-3
Formula:	C <sub>36</sub> H <sub>50</sub> O <sub>6</sub>
Molecular Weight:	578.78
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Prednisolone farnesylate is a novel transdermal corticosteroid with anti-inflammatory activity.
Targets(IC <sub>50</sub> )	Others: None
In vitro	Prednisolone farnesylate is a synthetic glucocorticoid, and is known to suppress local swelling of the adjuvant-induced arthritis[1].

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.728 mL	8.639 mL	17.278 mL
5 mM	0.346 mL	1.728 mL	3.456 mL
10 mM	0.173 mL	0.864 mL	1.728 mL
50 mM	0.035 mL	0.173 mL	0.346 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Kato N, et al. Treatment of the chronic inflammation in peripheral target tissue improves the crushed nerve recovery in the rat: histopathological assessment of the nerve recovery. J Neurol Sci. 2002 Oct 15;202(1-2):69-74.

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