

---

## Product Data Sheet

---

Product Name: Prednisolone farnesylate

Cat. No.: GC36959

**Chemical Properties**

Cas. No. 118244-44-3

SMILES C[C@@]12[C@](CC[C@]2(O)C(COC(/C=C(C)/CC/C=C(C)/CC/C=C(C)/C)=O)=O)([H])[C@@]3([H])[C@]([C@@]4(C(CC3)=CC(C=C4)=O)C)([H])[C@@H](O)C1

Formula C<sub>36</sub>H<sub>50</sub>O<sub>6</sub> M.Wt 578.78

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Prednisolone farnesylate (PNF21) is a new transdermal corticosteroid with anti-inflammatory activity.

Prednisolone farnesylate is a synthetic glucocorticoid, which is a compound of Prednisolone and its ester Farnesylate and is known to suppress local swelling of the adjuvant-induced arthritis[1].

[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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---