



Product Information

CAS Registry No. 50-24-8

Product Name: Prednisolone

Catalog No. P6818

Chemical Name: (11 β)-11,17,21-Trihydroxypregna-1,4-diene-3,20-dione

Synonym(s): Cortalone; Decaprednil; Decortin H; Deltasolone; Flamasone; Hydrodeltalone; Paracortol;

Mol. formula: $C_{21}H_{28}O_5$

Formula wt: 360.44

M.p. 240°C–241°C (dec)

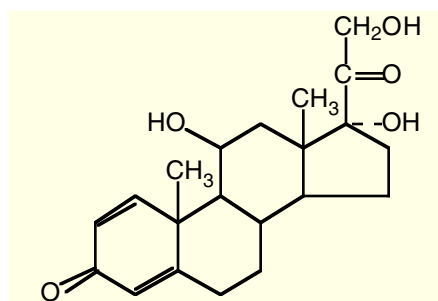
B.p.

Purity: $\geq 98\%$

Solubility: Slightly soluble in water. Soluble in methanol and dioxane.

Stability (in original shipping container):

Storage temp: Ambient



Product Description:

A glucocorticoid with anti-inflammatory and immunosuppressive activity in rabbits. It induces apoptosis in colon cancer cell lines and eosinophils. Research results show that prednisolone combination with TNP-470 may be a very effective drug for angiosarcoma treatment.

References:

Meng RD, Heidery WS. Exp Cell Res. 262: 154-169 (2001).
 Fan GK, Itoh T, Imataka M, Fujieda S, Takenaka H. J Allergy Clin Immunol. 106: 551-8 (2000).
 Ma G, Masuzawa M, Hamada Y, Haraguchi F, Tamachi H, Sakurai Y, Fujimura T, Katsuoka K. J Dermatol Sci. 24: 126-33 (2000).

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.

PACKING

1 g

5 g

10 g

Bulk quantity available upon request

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