

Product Data Sheet

Product Name: Hydrocortisone Aceponate

Cat. No.: GC52043

Chemical Properties

Cas. No. 74050-20-7

SMILES C[C@@]12[C@](C(COC(C)=O)=O)(OC(CC)=O)CC[C@@]1([H])[C@@]3([H])[C@]([C@@]4(C(CC3)=CC(CC4)=O)C)([H])[C@H](C2)O

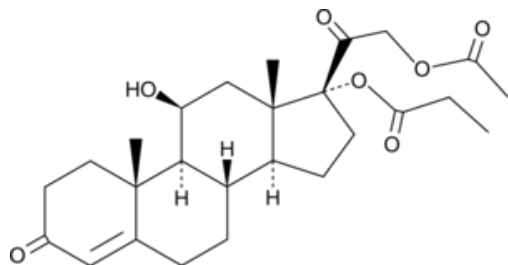
Formula C₂₆H₃₆O₇ M.Wt 460.6

Solubility DMF: 3 mg/ml, DMSO: 10 mg/ml, Ethanol: 10 mg/ml, PBS (pH 7.2): insol Storage -20°C

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

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

Structure



Background

Hydrocortisone aceponate is a corticosteroid.^{1,2} Topical application of hydrocortisone aceponate (0.0584%) reduces lesion size and pruritis in cats with allergic dermatitis.¹ It also induces remission and increases time to relapse in dogs with spontaneous atopic dermatitis.² Formulations containing hydrocortisone aceponate have been used in the treatment of veterinary dermatoses.

1. Schmidt, V., Buckley, L.M., McEwan, N.A., et al. Efficacy of a 0.0584% hydrocortisone aceponate spray in presumed feline allergic dermatitis: An open label pilot study. *Vet. Dermatol.* 23(1)11-16(2012)

2. Lourenço, A.M., Schmidt, V., Braz, B.S., et al. Efficacy of proactive long-term maintenance therapy

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

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of canine atopic dermatitis with 0.0584% hydrocortisone aceponate spray: A double-blind placebo controlled pilot studyVet. Dermatol.27(2)88e25-92e25(2016)

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