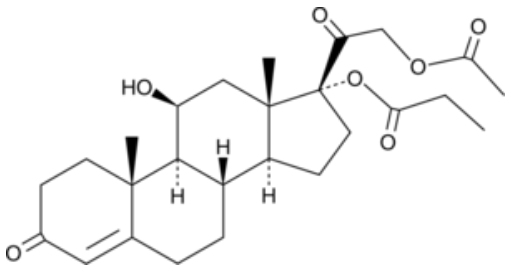
Product Data Sheet

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 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

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 studyVet. 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)