
Product Data Sheet

Product Name: Betamethasone 17-benzoate

Cat. No.: GC33890

Chemical Properties

Cas. No. 22298-29-9

SMILES O=C(C1=CC=CC=C1)O[C@]2([C@@]3([C@@]([C@@]4([H])[C@@](F)([C@@]5(C(CC4)=CC(C=C5)=O)C)[C@@H](O)C3)([H])C[C@@H]2C)C(CO)=O

Formula C₂₉H₃₃FO₆ M.Wt 496.57

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 Betamethasone 17-benzoate

Background

Betamethasone 17-benzoate is a representative steroid, which can be used in the treatment of recurrent aphthous ulcers (RAU).

Betamethasone 17-benzoate is the topical steroid[1]. Betamethasone 17-benzoate is a local corticosteroid[2]. A double-blind study of the effectiveness of Betamethasone 17-benzoate in the treatment of recurrent aphthous ulcers (RAU) is conducted. Betamethasone 17-benzoate is found to be effective in reducing symptoms and shortening healing time but not in preventing recurrences[3].

[1]. Barry BW, et al. Optimization of bioavailability of topical steroids: penetration enhancers under occlusion. J Invest Dermatol. 1984 Jan;82(1):49-52. [2]. ZFA (Stuttgart). 1978 Jul 10;54(19):1031-2. [3]. Merchant HW, et al. Betamethasone-17-benzoate in the treatment of recurrent aphthous ulcers. Oral Surg Oral Med Oral Pathol. 1978 Jun;45(6):870-5.

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

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