

Product Data Sheet

Product Name: Medrysone

Cat. No.: GC10290

Chemical Properties

Cas. No. 2668-66-8

Chemical Name (6 α ,11 β)-11-hydroxy-6-methyl-pregn-4-ene-3,20-dione

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

Formula C₂₂H₃₂O₃

M.Wt 344.5

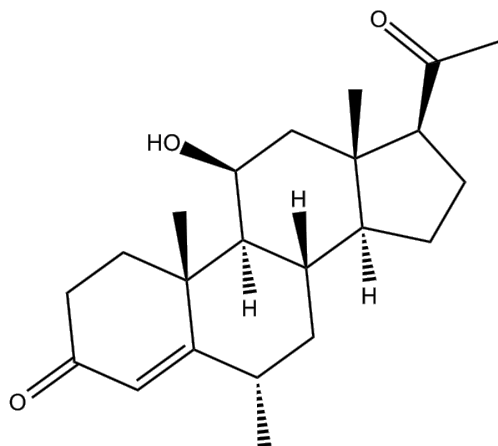
Solubility ≤ 1 mg/ml in ethanol; 1mg/ml in methanol; 1mg/ml in acetonitrile

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

6 α -Methyl-11 β -hydroxyprogesterone is a synthetic glucocorticoid which has been used in the treatment of inflammatory eye diseases. 6 α -Methyl-11 β -hydroxyprogesterone is a corticosteroid with anti-inflammatory properties which has been discontinued in the United States. The structure of 6 α -

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

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Methyl-11 β -hydroxyprogesterone is very similar to progesterone. Neither progestogenic nor androgenic activity has been demonstrated for or attributed to medrysone [1, 2].

References:

[1] The dictionary of drugs: chemical data: chemical data, structures and bibliographies[M]. Springer, 2014.

[2] SPAETH G L. Hydroxymethylprogesterone: An anti-inflammatory steroid without apparent effect on intraocular pressure[J]. Archives of Ophthalmology, 1966, 75(6): 783-787.

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