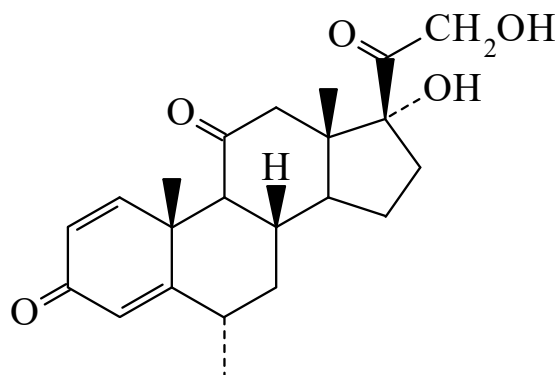




>>Entry Name: 17,21-Dihydroxy-6-methylpregna-1,4-diene-3,11,20-trione, 9Cl



**Molecular Formula:** C<sub>22</sub>H<sub>28</sub>O<sub>5</sub>

**Molecular Weight:** 372.46

**Accurate Mass:** 372.193675

**Percentage Composition:** C 70.95%; H 7.58%; O 21.48%

>>Variant: (6 $\alpha$ ,17 $\alpha$ OH)-form

**Synonym(s):** 6 $\alpha$ -Methylprednisone

**CAS Registry Number:** 91523-05-6

**Molecular Formula:** C<sub>22</sub>H<sub>28</sub>O<sub>5</sub>

**Molecular Weight:** 372.46

**Accurate Mass:** 372.193675

**Percentage Composition:** C 70.95%; H 7.58%; O 21.48%

**Physical Description:** Cryst. (EtOAc/hexane)

**Melting Point:** Mp 231-234°

>>Variant: (6 $\beta$ ,17 $\alpha$ OH)-form

**Molecular Formula:** C<sub>22</sub>H<sub>28</sub>O<sub>5</sub>

**Molecular Weight:** 372.46

**Accurate Mass:** 372.193675

**Percentage Composition:** C 70.95%; H 7.58%; O 21.48%

**Source/Synthesis:** Obt. by incubation of 17,21-dihydroxy-6 $\beta$ -methylpregn-4-ene-3,11,20-trione with *Septomyxa affinis*

**Physical Description:** Cryst. (Me<sub>2</sub>CO)

#### References:

Spero, G.B. *et al.*, *J.A.C.S.*, 1956, **78**, 6213, (*synth*)

*U.S. Pat.*, 1959, 2 897 218; *CA*, **54**, 654d, (*synth*)

*U.K. Pat.*, 1960, 852 847; *CA*, **55**, 12461g, (*synth, uv*)