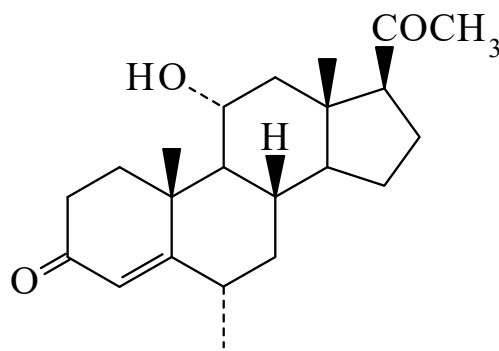




>>Entry Name: 11-Hydroxy-6-methylpregn-4-ene-3,20-dione, 9Cl



Molecular Formula: C₂₂H₃₂O₃

Molecular Weight: 344.493

Accurate Mass: 344.235145

Percentage Composition: C 76.70%; H 9.36%; O 13.93%

>>Variant: (6 α ,11 α)-form

Synonym(s): 11 α -Hydroxy-6 α -methylprogesterone

Molecular Formula: C₂₂H₃₂O₃

Molecular Weight: 344.493

Accurate Mass: 344.235145

Percentage Composition: C 76.70%; H 9.36%; O 13.93%

Biological Source: Obt. by incubation of 6 α -methylpregn-4-ene-3,20-dione with *Rhizopus nigricans*

Physical Description: Flakes (Me₂CO/hexane)

Melting Point: Mp 151-153°

Optical Rotation: [α]_D²²+122 (c, 0.29 in CHCl₃)

>>Variant: (6 α ,11 β)-form

Synonym(s): 11 β -Hydroxy-6 α -methylprogesterone. **Medrysone**, INN, USAN. Medrocort. Medrisone. NSC 63278. Many other names

CAS Registry Number: 2668-66-8

Molecular Formula: C₂₂H₃₂O₃

Molecular Weight: 344.493

Accurate Mass: 344.235145

Percentage Composition: C 76.70%; H 9.36%; O 13.93%

Biological Use/Importance: Glucocorticoid, esp. used in treatment of eye diseases

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 155-158° (143-146°)

Optical Rotation: [α]_D +189 (CHCl₃)

Calculated Log P Data: Log P 2.21 (uncertain value) (calc)

Sigma: M0388

>>Variant: (6 β ,11 α)-form

Synonym(s): 11 α -Hydroxy-6 β -methylprogesterone

Molecular Formula: C₂₂H₃₂O₃

Molecular Weight: 344.493

Accurate Mass: 344.235145

Percentage Composition: C 76.70%; H 9.36%; O 13.93%

Physical Description: Cryst. (Et₂O)

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