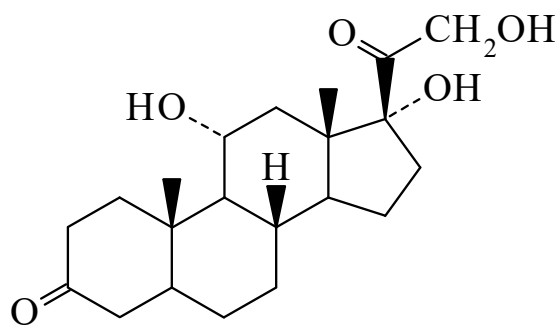




>>Entry Name: 11,17,21-Trihydroxypregnane-3,20-dione, 9CI



Molecular Formula: C₂₁H₃₂O₅

Molecular Weight: 364.481

Accurate Mass: 364.224975

Percentage Composition: C 69.20%; H 8.85%; O 21.95%

>>Variant: (5 α ,11 α)-form

Molecular Formula: C₂₁H₃₂O₅

Molecular Weight: 364.481

Accurate Mass: 364.224975

Percentage Composition: C 69.20%; H 8.85%; O 21.95%

Source/Synthesis: Obt. by incubation of 17,21-dihydroxypregn-4-ene-3,20-dione with *Rhizopus nigricans*

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 228-230°

>>Derivative: 21-Ac

Molecular Formula: C₂₃H₃₄O₆

Molecular Weight: 406.518

Accurate Mass: 406.23554

Percentage Composition: C 67.96%; H 8.43%; O 23.61%

Physical Description: Cryst. (Me₂CO/hexane)

Melting Point: Mp 195-197°

Optical Rotation: [α]_D²⁰ +50 (CHCl₃)

>>Derivative: 11,21-Di-Ac

Molecular Formula: C₂₅H₃₆O₇

Molecular Weight: 448.555

Accurate Mass: 448.246105

Percentage Composition: C 66.94%; H 8.09%; O 24.97%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 196-199°

Optical Rotation: [α]_D +48 (CHCl₃)

>>Variant: (5 α ,11 β)-form

Synonym(s): 5 α -Dihydrocortisol. Hydrallostane

CAS Registry Number: 516-41-6

Molecular Formula: C₂₁H₃₂O₅

Molecular Weight: 364.481

Accurate Mass: 364.224975

Percentage Composition: C 69.20%; H 8.85%; O 21.95%

Biological Source: Constit. of hog and beef adrenals

Physical Description: Cryst. (MeOH)

Melting Point: Mp 234-240°

Optical Rotation: [α]_D +63 (dioxan)

Sigma: P9646

>>Derivative: 17-Ac

Molecular Formula: C₂₃H₃₄O₆

Molecular Weight: 406.518

Accurate Mass: 406.23554

Percentage Composition: C 67.96%; H 8.43%; O 23.61%

Melting Point: Mp 210-213°

Optical Rotation: [α]