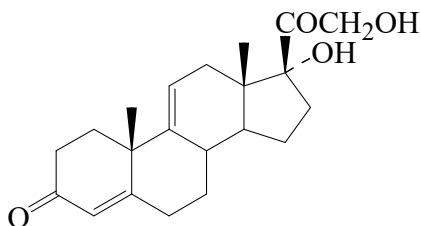




>>Entry Name: Anecortave

Synonym(s): 17,21-Dihydroxypregna-4,9(11)-diene-3,20-dione, 9Cl



CAS Registry Number: 10184-70-0

Related CAS Registry Numbers(s): 39791-43-0

Molecular Formula: C₂₁H₂₈O₄

Molecular Weight: 344.45

Accurate Mass: 344.19876

Percentage Composition: C 73.23%; H 8.19%; O 18.58%

Biological Use/Importance: Angiostatic steroid. Used in the treatment of diseases involving neovascularisation of the eye

>>Variant: 17 α OH-form

Molecular Formula: C₂₁H₂₈O₄

Molecular Weight: 344.45

Accurate Mass: 344.19876

Percentage Composition: C 73.23%; H 8.19%; O 18.58%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 259-261 dec.°

Optical Rotation: [α]_D²³ +103 (c, 0.32 in dioxan)

>>Derivative: 21-Ac

Synonym(s): Anecortave acetate, USAN. AL 3789

CAS Registry Number: 7753-60-8

Molecular Formula: C₂₃H₃₀O₅

Molecular Weight: 386.487

Accurate Mass: 386.209325

Percentage Composition: C 71.48%; H 7.82%; O 20.70%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 240-243°

Optical Rotation: [α]_D²⁶ +120 (c, 1.0 in CHCl₃). [α]_D +131.8 (c, 0.5 in CHCl₃)

>>Derivative: Di-Ac

CAS Registry Number: 7780-63-4

Molecular Formula: C₂₅H₃₂O₆

Molecular Weight: 428.524

Accurate Mass: 428.21989

Percentage Composition: C 70.07%; H 7.53%; O 22.40%

Melting Point: Mp 224-229.5°

Optical Rotation: [α]_D +49.5 (CHCl₃)

>>Variant: (10 α ,17 α OH)-form

Molecular Formula: C₂₁H₂₈O₄

Molecular Weight: 344.45

Accurate Mass: 344.19876

Percentage Composition: C 73.23%; H 8.19%; O 18.58%

>>Derivative: 21-Ac

Melting Point: Mp 185-187°

References: