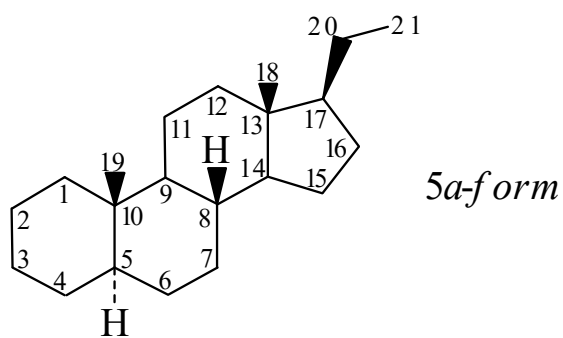




>>Entry Name: Pregnane



CAS Registry Number: 24909-91-9

Related CAS Registry Numbers(s): 5665-58-7 5665-59-8 20810-39-3 20810-40-6 20810-41-7 20810-42-8 20810-43-9 20810-44-0 20810-45-1 20810-46-2 20810-47-3 20810-48-4 20810-49-5 20810-50-8 20810-51-9 73889-96-0 73889-97-1 78964-22-4 78964-24-6 78964-25-7

Molecular Formula: C₂₁H₃₆

Molecular Weight: 288.515

Accurate Mass: 288.2817

Percentage Composition: C 87.42%; H 12.58%

>>Variant: 5α-form

Synonym(s): Allopregnane

CAS Registry Number: 641-85-0

Molecular Formula: C₂₁H₃₆

Molecular Weight: 288.515

Accurate Mass: 288.2817

Percentage Composition: C 87.42%; H 12.58%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 84.5-85°

Optical Rotation: [α]_D +19 (c, 0.88 in CHCl₃)

>>Variant: 5β-form

CAS Registry Number: 481-26-5

Molecular Formula: C₂₁H₃₆

Molecular Weight: 288.515

Accurate Mass: 288.2817

Percentage Composition: C 87.42%; H 12.58%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 83.5°

Optical Rotation: [α]_D²⁰ +21.2 (CHCl₃)

Sigma: P0523

>>Variant: (5α,9β)-form

Molecular Formula: C₂₁H₃₆

Molecular Weight: 288.515

Accurate Mass: 288.2817

Percentage Composition: C 87.42%; H 12.58%

Physical Description: Oil

Optical Rotation: [α]_D²¹ +92 (c, 1.74 in CHCl₃)

>>Variant: (5β,8α,10α)-form

Molecular Formula: C₂₁H₃₆

Molecular Weight: 288.515

Accurate Mass: 288.2817

Percentage Composition: C 87.42%; H 12.58%

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 55.5-56°

Optical Rotation: [α]_D²¹ +26.1 (c, 1.61 in CHCl₃)