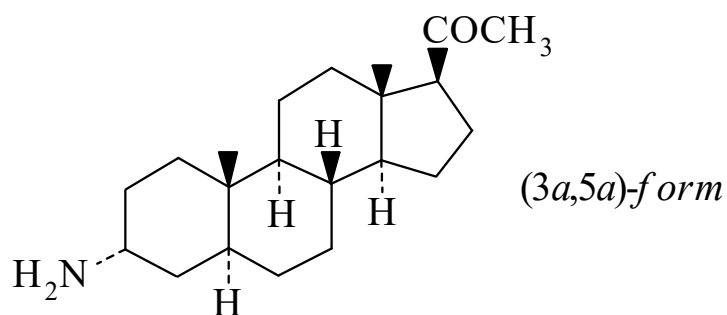




>>Entry Name: 3-Aminopregnan-20-one



Molecular Formula: C₂₁H₃₅NO

Molecular Weight: 317.514

Accurate Mass: 317.271864

Percentage Composition: C 79.44%; H 11.11%; N 4.41%; O 5.04%

>>Variant: (3 α ,5 α)-form

Synonym(s): Funtumine

CAS Registry Number: 474-45-3

Molecular Formula: C₂₁H₃₅NO

Molecular Weight: 317.514

Accurate Mass: 317.271864

Percentage Composition: C 79.44%; H 11.11%; N 4.41%; O 5.04%

Biological Source: Alkaloid from *Funtumia latifolia*, *Holarrhena febrifuga* and *Holarrhena congolensis* (Apocynaceae)

Use/Importance: Hypocholesterolaemic agent, shows antigonadotropic, corticotropic, antiinflammatory and hypotensive props. Respiratory stimulant

Melting Point: Mp 126°

Optical Rotation: [α]_D +95 (c, 1.7 in CHCl₃)

Hazard & Toxicity: LD₅₀ (mus, ivn) 30 mg/kg

>>Derivative: Hydrochloride

Melting Point: Mp 280°

Optical Rotation: [α]_D +60 (c, 0.67 in MeOH)

>>Derivative: N-Ac

Melting Point: Mp 240°

>>Derivative: N-Me

Synonym(s): Monomethylfuntumine. N-Methylfuntumine

CAS Registry Number: 40855-51-4

Molecular Formula: C₂₂H₃₇NO

Molecular Weight: 331.54

Accurate Mass: 331.287514

Percentage Composition: C 79.70%; H 11.25%; N 4.22%; O 4.83%

Biological Source: Alkaloid from *Holarrhena febrifuga* (Apocynaceae)

Melting Point: Mp 129-130°

Optical Rotation: [α]_D²⁰ +92 (c, 0.9 in CHCl₃)

>>Derivative: N-Di-Me

Synonym(s): Dimethylfuntumine

CAS Registry Number: 3022-47-7

Molecular Formula: C₂₃H₃₉NO

Molecular Weight: 345.567

Accurate Mass: 345.303164

Percentage Composition: C 79.94%; H 11.37%; N 4.05%; O 4.63%

Biological Source: Alkaloid from *Holarrhena febrifuga* (Apocynaceae)

Melting Point: Mp 128-130°

Optical Rotation: [α]_D²⁰ +92 (c, 1.8 in CHCl₃)