



>>Derivative: *N*-De-Me, 17-Ac

Synonym(s): **17-*O*-Acetylnorajmaline**

CAS Registry Number: 80202-83-1

Molecular Formula: C₂₁H₂₆N₂O₃

Molecular Weight: 354.448

Accurate Mass: 354.194343

Percentage Composition: C 71.16%; H 7.39%; N 7.90%; O 13.54%

Biological Source: Alkaloid from cell suspension cultures of *Rauwolfia serpentina*

>>Derivative: *N*-De-Me, 17-Ac, 21-*O*-β-D-glucopyranoside

Synonym(s): **Acetylnorrauglucine**

CAS Registry Number: 119365-66-1

Molecular Formula: C₂₇H₃₆N₂O₈

Molecular Weight: 516.59

Accurate Mass: 516.247168

Percentage Composition: C 62.78%; H 7.02%; N 5.42%; O 24.78%

Biological Source: Alkaloid from *Rauwolfia serpentina* (Apocynaceae)

>>Derivative: *N*-Propyl, hydrogen tartrate

Synonym(s): **Prajmalium bitartrate**, BAN, INN. Neorythmin. GT 1012. NPAB

CAS Registry Number: 2589-47-1

Molecular Formula: C₂₇H₃₈N₂O₈

Molecular Weight: 518.606

Accurate Mass: 518.262818

Percentage Composition: C 62.53%; H 7.39%; N 5.40%; O 24.68%

Biological Use/Importance: Cardiac antiarrhythmic agent

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 149-152°

Hazard & Toxicity: LD₅₀ (rat, orl) 54 mg/kg. LD₅₀ (rat, ivn) 3.4 mg/kg. Hepatotoxic

>>Derivative: 17-*O*-Chloroacetyl

Synonym(s): **Lorajmine**, INN

CAS Registry Number: 47562-08-3

Molecular Formula: C₂₂H₂₇ClN₂O₃

Molecular Weight: 402.92

Accurate Mass: 402.17102

Percentage Composition: C 65.58%; H 6.75%; Cl 8.80%; N 6.95%; O 11.91%

Biological Use/Importance: Cardiac depressant, antiarrhythmic agent

Physical Description: Cryst.

Melting Point: Mp 232-235°

Optical Rotation: [α]_D +27.5 (CHCl₃)

Calculated Log P Data: Log P 2.32 (uncertain value) (calc)

>>Derivative: 17-*O*-Chloroacetyl; hydrochloride

Synonym(s): **Lorajmine hydrochloride**, USAN. Nevergor. Ritmos. Ritmosel. Viaductor. Win 11831

CAS Registry Number: 40819-93-0

Physical Description: Cryst.

Melting Point: Mp 230-235°

Optical Rotation: [α]_D +40 (CHCl₃)

Hazard & Toxicity: LD₅₀ (rat, orl) 480 mg/kg. LD₅₀ (rat, ivn) 17.3 mg/kg