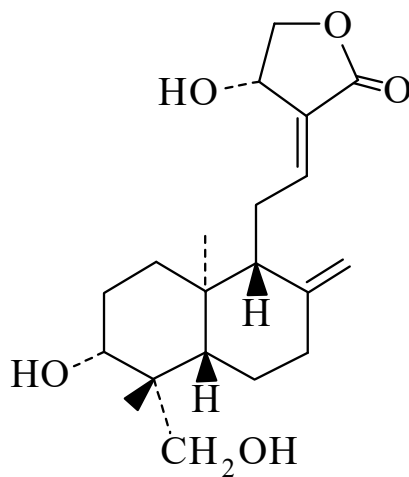




>>Entry Name: 3,14,19-Trihydroxy-8(17),12-labdadien-16,15-olide



Molecular Formula: C₂₀H₃₀O₅

Molecular Weight: 350.454

Accurate Mass: 350.209325

Percentage Composition: C 68.55%; H 8.63%; O 22.83%

Use/Importance: Antibacterial agent

Calculated Log P Data: Log P 1.46 (calc)

>>Variant: (*ent*-3 β ,12*E*,14*R*)-form

Synonym(s): Andrographolide

CAS Registry Number: 5508-58-7

Molecular Formula: C₂₀H₃₀O₅

Molecular Weight: 350.454

Accurate Mass: 350.209325

Percentage Composition: C 68.55%; H 8.63%; O 22.83%

Biological Source: Constit. of *Andrographis paniculata*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 230-231°

Optical Rotation: [α]_D -112.7 (c, 0.53 in MeOH). [α]_D²⁶ -126 (AcOH)

Other Data: Pharmacol. active isomer

Aldrich: 36564-5

Fluka: 10200

Sigma: A9456

>>Derivative: 19-*O*- β -D-Glucopyranoside

Synonym(s): Andrographiside

CAS Registry Number: 82209-76-5

Molecular Formula: C₂₆H₄₀O₁₀

Molecular Weight: 512.596

Accurate Mass: 512.26215

Percentage Composition: C 60.92%; H 7.87%; O 31.21%

Biological Source: Constit. of *Andrographis paniculata*

Physical Description: Plates (MeOH)

Melting Point: Mp 201-208°

Optical Rotation: [α]_D -89.7 (c, 1.01 in MeOH)