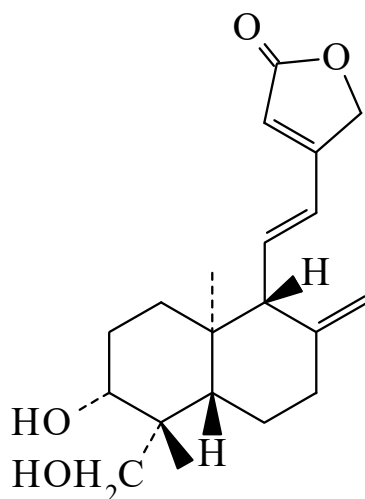




>>Entry Name: 3,19-Dihydroxy-8(17),11,13-labdatrien-16,15-olide



Molecular Formula: C₂₀H₂₈O₄

Molecular Weight: 332.439

Accurate Mass: 332.19876

Percentage Composition: C 72.26%; H 8.49%; O 19.25%

>>**Variant:** (*ent*-3 β ,11*E*)-form

Synonym(s): 14-Deoxy-11,12-dihydroandrographolide (incorr.)

CAS Registry Number: 42895-58-9

Molecular Formula: C₂₀H₂₈O₄

Molecular Weight: 332.439

Accurate Mass: 332.19876

Percentage Composition: C 72.26%; H 8.49%; O 19.25%

Biological Source: Constit. of *Andrographis paniculata*

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 203-204°

Optical Rotation: [α]_D +5.4 (c, 1.02 in MeOH)

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

Synonym(s): 14-Deoxy-11,12-dihydroandrographiside (incorr.)

Molecular Formula: C₂₆H₃₈O₉

Molecular Weight: 494.581

Accurate Mass: 494.251585

Percentage Composition: C 63.14%; H 7.74%; O 29.11%

Biological Source: Constit. of *Andrographis paniculata*

Physical Description: Amorph. powder

Optical Rotation: [α]_D +18 (c, 0.23 in MeOH)

References:

Balmain, A. *et al.*, *J.C.S. Perkin I*, 1973, 1247

Matsuda, T. *et al.*, *Chem. Pharm. Bull.*, 1994, **42**, 1216, (*isol*, *pmr*, *cmr*)