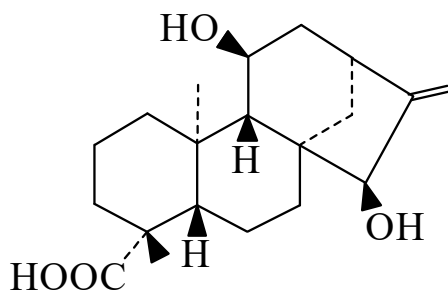




>>Entry Name: 11,15-Dihydroxy-16-kauren-19-oic acid



Related CAS Registry Numbers(s): 71135-30-3

Molecular Formula: $C_{20}H_{30}O_4$

Molecular Weight: 334.455

Accurate Mass: 334.21441

Percentage Composition: C 71.82%; H 9.04%; O 19.13%

>>Variant: (*ent*-11 α ,15 α)-form

CAS Registry Number: 57719-76-3

Molecular Formula: $C_{20}H_{30}O_4$

Molecular Weight: 334.455

Accurate Mass: 334.21441

Percentage Composition: C 71.82%; H 9.04%; O 19.13%

Biological Source: Constit. of *Eupatorium album*, *Stevia paniculata* and others

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 155-157°

Optical Rotation: $[\alpha]_D^{22}$ -85 (c, 0.19 in MeOH)

Other Data: The (*ent*-11 α ,15 β)-form is shown as isol. from *Sciadocephala schultze-rhonhofiae* by Bohlmann *et al* (*Phytochemistry*, **17**, 2101) but this appears to be a drawing error

>>Derivative: 15-Ac

Molecular Formula: $C_{22}H_{32}O_5$

Molecular Weight: 376.492

Accurate Mass: 376.224975

Percentage Composition: C 70.19%; H 8.57%; O 21.25%

Biological Source: Isol. from *Adenostemma lavenia*

>>Derivative: β -D-Glucopyranosyl ester

Synonym(s): Paniculose II

CAS Registry Number: 60129-64-8

Molecular Formula: $C_{26}H_{40}O_9$

Molecular Weight: 496.597

Accurate Mass: 496.267235

Percentage Composition: C 62.89%; H 8.12%; O 29.00%

Biological Source: Constit. of *Stevia paniculata*

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 232-238°

Optical Rotation: $[\alpha]_D^{24}$ -52.7 (c, 0.2 in MeOH)

>>Derivative: 11-Ketone

Synonym(s): *ent*-15 α -Hydroxy-11-oxo-16-kauren-19-oic acid

CAS Registry Number: 67851-53-0

Molecular Formula: $C_{20}H_{28}O_4$

Molecular Weight: 332.439

Accurate Mass: 332.19876

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

Biological Source: Isol. from *Adenostemma caffrum*