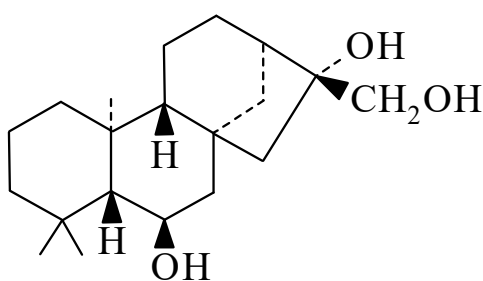




>>Entry Name: 6,16,17-Kauranetriol



Related CAS Registry Numbers(s): 47607-29-4

Molecular Formula: $C_{20}H_{34}O_3$

Molecular Weight: 322.487

Accurate Mass: 322.250795

Percentage Composition: C 74.49%; H 10.63%; O 14.88%

>>Variant: (*ent*-6 α ,16 β)-form

Synonym(s): Corymbol. Corimbol

CAS Registry Number: 7047-54-3

Molecular Formula: $C_{20}H_{34}O_3$

Molecular Weight: 322.487

Accurate Mass: 322.250795

Percentage Composition: C 74.49%; H 10.63%; O 14.88%

Physical Description: Cryst. (Me₂CO aq.)

Melting Point: Mp 282-283°

Optical Rotation: $[\alpha]_D^{20} -3.8$ (c, 1.03 in Py)

>>Derivative: 6-Ac

Molecular Formula: $C_{22}H_{36}O_4$

Molecular Weight: 364.524

Accurate Mass: 364.26136

Percentage Composition: C 72.49%; H 9.95%; O 17.56%

Biological Source: Constit. of *Calibrachoa parviflora*

Physical Description: Cryst. (EtOAc/2,3,3-trimethylpentane)

Melting Point: Mp 148-149°

Optical Rotation: $[\alpha]_D -64$ (c, 1.7 in CHCl₃)

>>Derivative: 17-Ac

Molecular Formula: $C_{22}H_{36}O_4$

Molecular Weight: 364.524

Accurate Mass: 364.26136

Percentage Composition: C 72.49%; H 9.95%; O 17.56%

Biological Source: Constit. of *Calibrachoa parviflora*

Physical Description: Cryst. (EtOAc/2,3,3-trimethylpentane)

Melting Point: Mp 168-170°

Optical Rotation: $[\alpha]_D -48$ (c, 0.4 in CHCl₃)

>>Derivative: 6-O- β -D-Glucopyranoside

Synonym(s): Turbicorytin. Turbicoritin

CAS Registry Number: 74008-26-7

Biological Source: Obt. by partial hydrol. of Turbicoryn

Physical Description: Cryst. + $\frac{1}{2}H_2O$ (MeOH aq.)

Melting Point: Mp 151-153°

Optical Rotation: $[\alpha]_D^{25} -55$ (c, 3 in Py)

Other Data: Originally assigned the erroneous struct. of a C₂₃ aglycone

>>Derivative: Glycoside

Synonym(s): Turbicoryn. Turbicorin