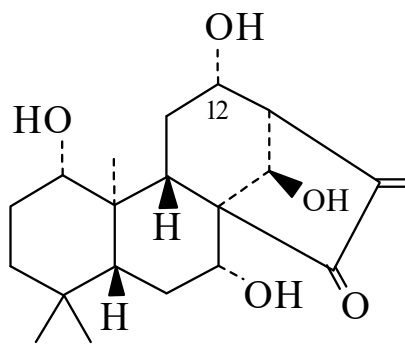




>>Entry Name: 1,7,12,14-Tetrahydroxy-16-kauren-15-one



Molecular Formula: C₂₀H₃₀O₅

Molecular Weight: 350.454

Accurate Mass: 350.209325

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

>>Variant: (*ent*-1 β ,7 β ,12 β ,14 α)-form

Synonym(s): Excisanin A

CAS Registry Number: 78536-37-5

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 *Rabdosia excisa*, *Rabdosia macrocalyx* and *Rabdosia serra*

Physical Description: Cryst.

Melting Point: Mp 262-264°

Optical Rotation: $[\alpha]_{\text{D}}^{20} -27.7$ (c, 1 in Py)

Solubility: BERDY SOL: Sol. MeOH, Et₂O; poorly sol. H₂O

>>Derivative: 12-Ac

Synonym(s): *ent*-12 β -Acetoxy-1 β ,7 β ,14 α -trihydroxy-16-kauren-15-one. **Excisanin B**

CAS Registry Number: 78536-36-4

Molecular Formula: C₂₂H₃₂O₆

Molecular Weight: 392.491

Accurate Mass: 392.21989

Percentage Composition: C 67.32%; H 8.22%; O 24.46%

Biological Source: Constit. of *Rabdosia excisa* and *Rabdosia macrocalyx*

Physical Description: Cryst.

Melting Point: Mp 240-243°

Optical Rotation: $[\alpha]_{\text{D}}^{20} -13.9$ (c, 1 in Py)

Solubility: BERDY SOL: Sol. MeOH, Et₂O; poorly sol. H₂O

References:

Sun, H. *et al.*, *Chem. Lett.*, 1981, 753