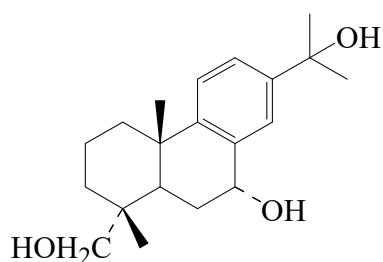




>>Entry Name: 8,11,13-Abietatriene-7,15,18-triol



Molecular Formula: C₂₀H₃₀O₃

Molecular Weight: 318.455

Accurate Mass: 318.219495

Percentage Composition: C 75.43%; H 9.49%; O 15.07%

>>Variant: 7 α -form

Molecular Formula: C₂₀H₃₀O₃

Molecular Weight: 318.455

Accurate Mass: 318.219495

Percentage Composition: C 75.43%; H 9.49%; O 15.07%

>>Derivative: 18-Aldehyde

Synonym(s): 7,15-Dihydroxy-8,11,13-abietatrien-18-al

CAS Registry Number: 213329-44-3

Molecular Formula: C₂₀H₂₈O₃

Molecular Weight: 316.439

Accurate Mass: 316.203845

Percentage Composition: C 75.91%; H 8.92%; O 15.17%

Biological Source: Constit. of *Larix kaempferi*

Physical Description: Oil

Optical Rotation: [α]_D²³ -17 (c, 0.21 in CHCl₃)

>>Derivative: 7-Ketone

Synonym(s): 15,18-Dihydroxy-8,11,13-abietatrien-7-one

CAS Registry Number: 213329-45-4

Molecular Formula: C₂₀H₂₈O₃

Molecular Weight: 316.439

Accurate Mass: 316.203845

Percentage Composition: C 75.91%; H 8.92%; O 15.17%

Biological Source: Constit. of *Larix kaempferi*

Physical Description: Oil

Optical Rotation: [α]_D²³ -11 (c, 1.38 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 253 (log ϵ 3.96); 299 (log ϵ 3.26) (EtOH)

References:

Ohtsu, H. *et al.*, *J. Nat. Prod.*, 1998, **61**, 1307-1309, (*isol*, *pmr*, *cmr*)