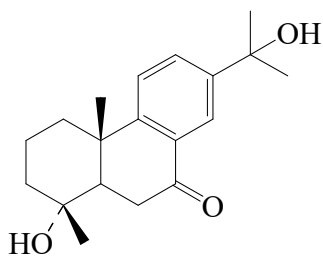




>>Entry Name: 4,15-Dihydroxy-18-nor-8,11,13-abietatrien-7-one



Molecular Formula: C₁₉H₂₆O₃

Molecular Weight: 302.413

Accurate Mass: 302.188195

Percentage Composition: C 75.46%; H 8.67%; O 15.87%

>>Variant: 4 α -form

CAS Registry Number: 213329-46-5

Molecular Formula: C₁₉H₂₆O₃

Molecular Weight: 302.413

Accurate Mass: 302.188195

Percentage Composition: C 75.46%; H 8.67%; O 15.87%

Biological Source: Constit. of *Larix kaempferi* and *Picea morrisonicola*

Physical Description: Oil

Optical Rotation: $[\alpha]_D^{23} +6$ (c, 1.2 in CHCl₃). $[\alpha]_D^{25} +1.5$ (c, 0.9 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 253 (log ϵ 3.94); 297 (log ϵ 3.31) (EtOH) [neutral] $\lambda_{\max}$ 209 (); 252 (); 298 () (no solvent reported)

>>Variant: 4 β -form

Synonym(s): 4,15-Dihydroxy-19-nor-8,11,13-abietatrien-7-one

CAS Registry Number: 220858-33-3

Molecular Formula: C₁₉H₂₆O₃

Molecular Weight: 302.413

Accurate Mass: 302.188195

Percentage Composition: C 75.46%; H 8.67%; O 15.87%

Biological Source: Constit. of *Picea morrisonicola*

Physical Description: Oil

Optical Rotation: $[\alpha]_D^{25} +13.5$ (c, 0.5 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 208 (); 252 (); 299 () (no solvent reported)

References:

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

Kuo, Y.-H. *et al.*, *Phytochemistry*, 1998, **49**, 2453-2455, (*isol, pmr, cmr*)