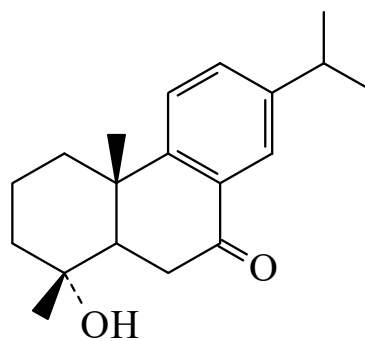




>>Entry Name: 4-Hydroxy-18-nor-8,11,13-abietatrien-7-one



CAS Registry Number: 57906-30-6

Molecular Formula: C₁₉H₂₆O₂

Molecular Weight: 286.413

Accurate Mass: 286.19328

Percentage Composition: C 79.68%; H 9.15%; O 11.17%

Biological Source: Constit. of *Juniperus chinensis*

Physical Description: Oil

Optical Rotation: $[\alpha]_D^{25} +20.1$ (c, 0.9 in CHCl₃)

>>Derivative: 4-Epimer

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

CAS Registry Number: 57906-31-7

Molecular Formula: C₁₉H₂₆O₂

Molecular Weight: 286.413

Accurate Mass: 286.19328

Percentage Composition: C 79.68%; H 9.15%; O 11.17%

Biological Source: Constit. of *Juniperus chinensis*

Physical Description: Oil

Optical Rotation: $[\alpha]_D^{25} +26.7$ (c, 1.5 in CHCl₃)

>>Derivative: 4-Epimer, 4-hydroperoxide

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

CAS Registry Number: 166528-82-1

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 *Juniperus chinensis*

Physical Description: Oil

Optical Rotation: $[\alpha]_D^{25} +70.6$ (c, 0.17 in CHCl₃)

>>Derivative: 4-Epimer, 4-hydroperoxide, 7 α -alcohol

Synonym(s): 4-Hydroperoxy-19-nor-8,11,13-abietatrien-7 α -ol

CAS Registry Number: 166528-83-2

Molecular Formula: C₁₉H₂₈O₃

Molecular Weight: 304.428

Accurate Mass: 304.203845

Percentage Composition: C 74.96%; H 9.27%; O 15.77%

Biological Source: Constit. of *Juniperus chinensis*

Physical Description: Oil

Optical Rotation: $[\alpha]_D^{25} +16$ (c, 0.75 in CHCl₃)

References:

Lee, C.-K. *et al.*, *Phytochemistry*, 1995, **39**, 391, (*isol*, *pmr*, *cmr*)