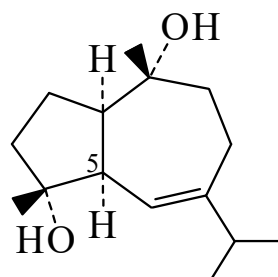




>>Entry Name: 6-Guaiene-4,10-diol



(1 α ,4 α ,5 α ,10 α)-form

CAS Registry Number: 74513-46-5

Molecular Formula: C₁₅H₂₆O₂

Molecular Weight: 238.369

Accurate Mass: 238.19328

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

>>Variant: (1 α ,4 α ,5 α ,10 α)-form

Molecular Formula: C₁₅H₂₆O₂

Molecular Weight: 238.369

Accurate Mass: 238.19328

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

Biological Source: Constit. of *Silphium perfoliatum*

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 144°

Optical Rotation: $[\alpha]_D^{24}$ -1.1 (c, 0.9 in CHCl₃)

>>Variant: (1 α ,4 α ,5 β ,10 α)-form

Molecular Formula: C₁₅H₂₆O₂

Molecular Weight: 238.369

Accurate Mass: 238.19328

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

Biological Source: Constit. of *Silphium perfoliatum*

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 111.5°

Optical Rotation: $[\alpha]_D$ 0

>>Variant: (1 α ,4 β ,5 β ,10 α)-form

Synonym(s): Alismoxide

CAS Registry Number: 87701-68-6

Molecular Formula: C₁₅H₂₆O₂

Molecular Weight: 238.369

Accurate Mass: 238.19328

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

Biological Source: Constit. of *Alisma plantago-aquatica* and *Alisma orientale*

Physical Description: Oil

Optical Rotation: $[\alpha]_D$ +31.1 (c, 0.63 in CHCl₃)

Other Data: The name Alismoxide is now misleading. Struct. revised in 1992 and again in 1994

>>Derivative: 10-Me ether

CAS Registry Number: 290819-11-3

Molecular Formula: C₁₆H₂₈O₂

Molecular Weight: 252.396

Accurate Mass: 252.20893

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Biological Source: Constit. of *Alisma orientale* and *Nephthea chabrolii*

Physical Description: Oil

References: