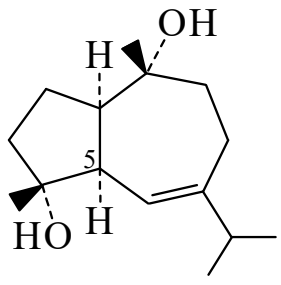
>>**Entry Name: 6-Guaiene-4,10-diol**



(1*a*,4*a*,5*a*,10*a*)-*form*

CAS Registry Number: 74513-46-5

Molecular Formula: $C_{15}H_{26}O_2$
Molecular Weight: 238.369
Accurate Mass: 238.19328
Percentage Composition: C 75.58%; H 10.99%; O 13.42%

>>**Variant:** (1α,4α,5α,10α)-form

Molecular Formula: $C_{15}H_{26}O_2$
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. (Et_2O/petrol)
Melting Point: Mp 144°
Optical Rotation: $[\alpha]_D^{24}$–1.1 (c, 0.9 in $CHCl_3$)

>>**Variant:** (1α,4α,5β,10α)-form

Molecular Formula: $C_{15}H_{26}O_2$
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. (Et_2O/petrol)
Melting Point: Mp 111.5°
Optical Rotation: $[\alpha]_D$ 0

>>**Variant:** (1α,4β,5β,10α)-form
Synonym(s): Alismoxide

CAS Registry Number: 87701-68-6

Molecular Formula: $C_{15}H_{26}O_2$
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 $CHCl_3$)
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: $C_{16}H_{28}O_2$
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: