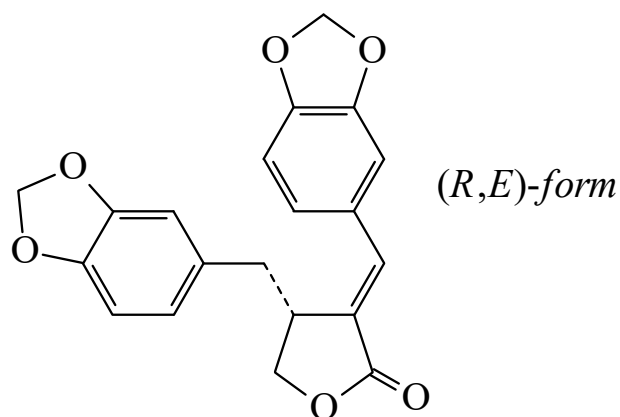




>>Entry Name: 4,5-Dihydro-4-(3,4-methylenedioxybenzyl)-3-(3,4-methylenedioxybenzylidene)-2(3*H*)-furanone

Synonym(s): 4-(1,3-Benzodioxol-5-ylmethyl)-3-(1,3-benzodioxol-5-ylmethylene)dihydro-2(3*H*)-furanone, 9Cl. 3,4:3',4'-Bis(methylenedioxy)-lign-7-en-9,9'-olide



Related CAS Registry Numbers(s): 24562-97-8 97233-05-1

Molecular Formula: C<sub>20</sub>H<sub>16</sub>O<sub>6</sub>

Molecular Weight: 352.343

Accurate Mass: 352.09469

Percentage Composition: C 68.18%; H 4.58%; O 27.25%

>>Variant: (*R,E*)-form

Synonym(s): Savinin. Hibalactone. Taiwanin B

CAS Registry Number: 493-95-8

Molecular Formula: C<sub>20</sub>H<sub>16</sub>O<sub>6</sub>

Molecular Weight: 352.343

Accurate Mass: 352.09469

Percentage Composition: C 68.18%; H 4.58%; O 27.25%

Biological Source: Constit. of *Juniperus sabina* and *Juniperus conferta* needles and the bark of *Chloroxylon swietenia*. Also present in the heartwood of *Taiwania cryptomerioides* and in *Chamaecyparis obtusa*

Physical Description: Cryst. (C<sub>6</sub>H<sub>6</sub> or EtOH)

Melting Point: Mp 146-148°

Optical Rotation:  $[\alpha]_D^{21} -87$  (c, 0.95 in CHCl<sub>3</sub>)

>>Variant: (*R,Z*)-form

Synonym(s): Isohibalactone

CAS Registry Number: 22554-63-8

Molecular Formula: C<sub>20</sub>H<sub>16</sub>O<sub>6</sub>

Molecular Weight: 352.343

Accurate Mass: 352.09469

Percentage Composition: C 68.18%; H 4.58%; O 27.25%

Biological Source: Constit. of *Juniperus chinensis*

Melting Point: Mp 147-149° (145-146°)

Optical Rotation:  $[\alpha]_D^{25} -155$  (c, 0.85 in CHCl<sub>3</sub>)

>>Variant: (*S,E*)-form

Synonym(s): Isogadain

CAS Registry Number: 26607-96-5

Molecular Formula: C<sub>20</sub>H<sub>16</sub>O<sub>6</sub>

Molecular Weight: 352.343

Accurate Mass: 352.09469

Percentage Composition: C 68.18%; H 4.58%; O 27.25%

Biological Source: Constit. of *Jatropha gossypifolia*

Physical Description: Cryst. (C<sub>6</sub>H<sub>6</sub>)