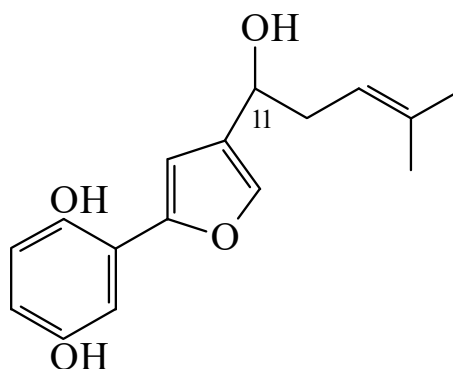




>>Entry Name: Deacetylshikonofuran A



Molecular Formula: C₁₆H₁₈O₄

Molecular Weight: 274.316

Accurate Mass: 274.12051

Percentage Composition: C 70.06%; H 6.61%; O 23.33%

General Statement: For ease of presentation, the Shikonofurans are given under the (not isolated) parent alcohol, called here Deacetylshikonofuran A

>>Derivative: 11-Ac

Synonym(s): Shikonofuran A. Dihydroechinofuran

CAS Registry Number: 85022-66-8

Molecular Formula: C₁₈H₂₀O₅

Molecular Weight: 316.353

Accurate Mass: 316.131075

Percentage Composition: C 68.34%; H 6.37%; O 25.29%

Biological Source: Constit. of *Lithospermum erythrorhizon* roots

Physical Description: Cryst. (CH₂Cl₂)

Melting Point: Mp 74-76°

Optical Rotation: [α]_D -50 (c, 0.52 in CHCl₃)

>>Derivative: 11-O-(2-Methylpropanoyl)

Synonym(s): Shikonofuran D

CAS Registry Number: 85022-63-5

Molecular Formula: C₂₀H₂₄O₅

Molecular Weight: 344.407

Accurate Mass: 344.162375

Percentage Composition: C 69.75%; H 7.02%; O 23.23%

Biological Source: Constit. of *Lithospermum erythrorhizon*

Other Data: Isol. as mixt. with Shikonofuran E

>>Derivative: 11-O-(2-Methylbutanoyl)

Synonym(s): Shikonofuran B

CAS Registry Number: 85022-65-7

Molecular Formula: C₂₁H₂₆O₅

Molecular Weight: 358.433

Accurate Mass: 358.178025

Percentage Composition: C 70.37%; H 7.31%; O 22.32%

Biological Source: Constit. of *Lithospermum erythrorhizon* and *Arnebia euchroma*

Physical Description: Oil

Optical Rotation: [α]_D -33.3 (c, 0.48 in CHCl₃)