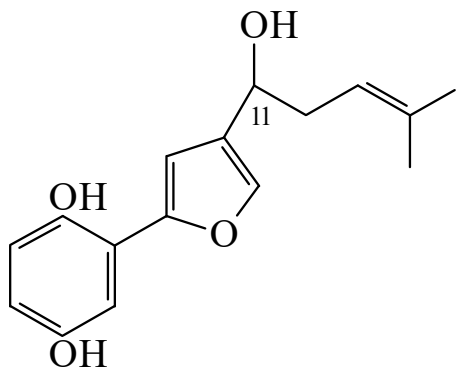
>>**Entry Name: Deacetylshikonofuran A**



Molecular Formula: $C_{16}H_{18}O_4$
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: $C_{18}H_{20}O_5$
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. (CH_2Cl_2)
Melting Point: Mp 74-76°
Optical Rotation: $[\alpha]_D$ –50 (c, 0.52 in $CHCl_3$)

>>**Derivative:** 11-*O*-(2-Methylpropanoyl)
Synonym(s): Shikonofuran D

CAS Registry Number: 85022-63-5

Molecular Formula: $C_{20}H_{24}O_5$
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: $C_{21}H_{26}O_5$
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: $[\alpha]_D$ –33.3 (c, 0.48 in $CHCl_3$)