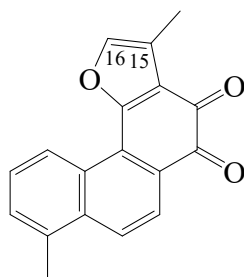




>>Entry Name: Isotanshinone II



CAS Registry Number: 98249-39-9

Molecular Formula: C₁₈H₁₂O₃

Molecular Weight: 276.291

Accurate Mass: 276.078645

Percentage Composition: C 78.25%; H 4.38%; O 17.37%

Biological Source: Constit. of *Salvia glutinosa*

Physical Description: Orange cryst. (CHCl₃)

Melting Point: Mp 291-293°

UV: [neutral] λ_{max} 290 (); 323 (sh) (); 362 (); 467 () (CHCl₃) [neutral] λ_{max} 230 (); 287 (); 326 (sh) (); 358 (); 462 () (MeOH)

>>Derivative: 15,16-Dihydro

Synonym(s): Dihydroisotanshinone II

CAS Registry Number: 260397-58-8

Molecular Formula: C₁₈H₁₄O₃

Molecular Weight: 278.307

Accurate Mass: 278.094295

Percentage Composition: C 77.68%; H 5.07%; O 17.25%

Biological Source: Constit. of *Salvia glutinosa*

Physical Description: Red cryst. (MeOH)

Melting Point: Mp 247-249°

UV: [neutral] λ_{max} 293 (); 337 (); 394 () (CHCl₃) [neutral] λ_{max} 245 (sh) (); 290 (); 337 (); 386 () (MeOH)

References:

King, J. *et al.*, *J.C.S.*, 1961, 5090, (*synth*)

Nagy, G. *et al.*, *Phytochemistry*, 1999, **52**, 1105-1109, (*isol, pmr, cmr*)