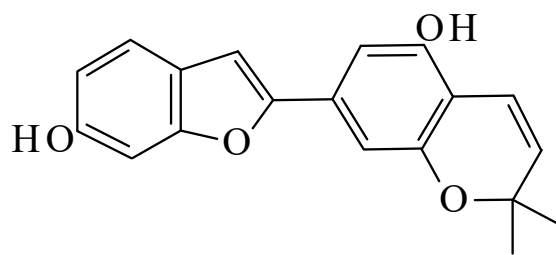




>>Entry Name: Moracin D

Synonym(s): 7-(6-Hydroxy-2-benzofuranyl)-2,2-dimethyl-2H-1-benzopyran-5-ol, 9CI



CAS Registry Number: 69120-07-6

Molecular Formula: C₁₉H₁₆O₄

Molecular Weight: 308.333

Accurate Mass: 308.10486

Percentage Composition: C 74.01%; H 5.23%; O 20.76%

Biological Source: Isol. from *Morus alba* infected with *Fusarium solani*

Use/Importance: Phytoalexin

Melting Point: Mp 130-131°

UV: [neutral] $\lambda_{\max}$ 219 (ϵ 25700); 329 (ϵ 30000); 342 (ϵ 41700); 360 (ϵ 35200) (EtOH) (Berdy)

>>Derivative: Di-Ac

Melting Point: Mp 125-126°

References:

Takasugi, M. *et al.*, *Chem. Lett.*, 1978, 1239, (*isol, struct*)