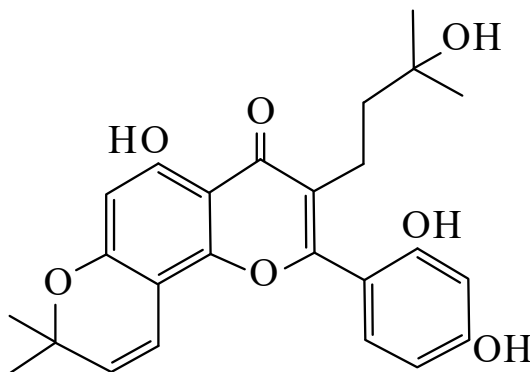




>>Entry Name: Morusinol

Synonym(s): 2-(2,4-Dihydroxyphenyl)-5-hydroxy-3-(3-hydroxy-3-methylbutyl)-8,8-dimethyl-4*H*,8*H*-benzo[1,2-*b*:3,4-*b'*]dipyrans-4-one, 9Cl. Oxydihydromorusin



CAS Registry Number: 62949-93-3

Molecular Formula: C₂₅H₂₆O₇

Molecular Weight: 438.476

Accurate Mass: 438.167855

Percentage Composition: C 68.48%; H 5.98%; O 25.54%

Biological Source: Isol. from root bark of *Morus alba* and other *Morus* spp.

Physical Description: Cryst. (MeOH)

Melting Point: Mp 215-216°

UV: [neutral] λ_{max} 206 (ε 22387); 225 (ε 18197); 242 (ε 18200); 269 (ε 27540) (MeOH) (Berdy)

References:

Nomura, T. *et al.*, *Chem. Pharm. Bull.*, 1977, **25**, 529; 1978, **26**, 1453, (*isol*)