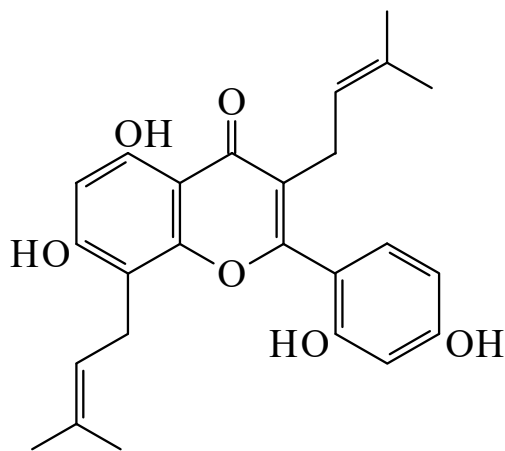




>>Entry Name: 2',4',5,7-Tetrahydroxy-3,8-diprenylflavone

Synonym(s): 2-(2,4-Dihydroxyphenyl)-5,7-dihydroxy-3,8-bis(3-methyl-2-butenyl)-4*H*-1-benzopyran-4-one, 9Cl. **Mulberrin**. Kuwanon C



CAS Registry Number: 62949-79-5

Molecular Formula: C₂₅H₂₆O₆

Molecular Weight: 422.477

Accurate Mass: 422.17294

Percentage Composition: C 71.07%; H 6.20%; O 22.72%

Biological Source: Constit. of the root bark of *Morus alba* and *Morus australis*

Physical Description: Cryst. (Et₂O/C₆H₆)

Melting Point: Mp 148-150°

Other Data: Mulberrin formerly assigned 3,6-diprenyl struct.

References:

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

Nomura, T. *et al.*, *Heterocycles*, 1978, **9**, 1355

Chari, V.M. *et al.*, *Z. Naturforsch., B*, 1978, **33**, 1547, (*cmr*)

Nomura, T. *et al.*, *Planta Med.*, 1983, **49**, 90, (*isol*)