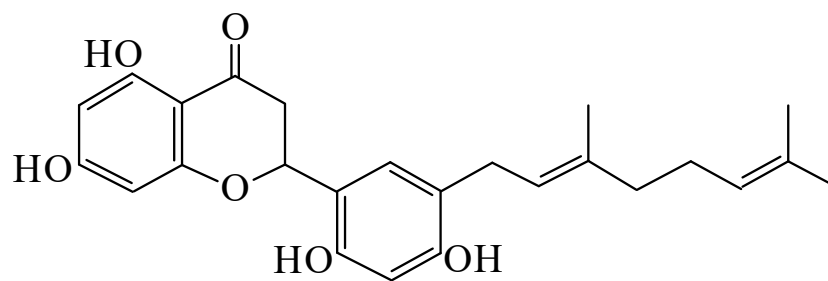




>>Entry Name: Kuwanon E

Synonym(s): 2-[5-(3,7-Dimethyl-2,6-octadienyl)-2,4-dihydroxyphenyl]-2,3-dihydro-5,7-dihydroxy-4*H*-1-benzopyran-4-one, 9Cl. 2',4',5,7-Tetrahydroxy-5'-geranylflavanone



CAS Registry Number: 68401-05-8

Molecular Formula: C₂₅H₂₈O₆

Molecular Weight: 424.493

Accurate Mass: 424.18859

Percentage Composition: C 70.74%; H 6.65%; O 22.61%

Biological Source: Constit. of *Morus alba*

Physical Description: Prisms (Et₂O/hexane)

Melting Point: Mp 132-136°

Optical Rotation: [α]_D 0

References:

Nomura, T. *et al.*, *Heterocycles*, 1978, **9**, 1295, (*isol, ms, ir, uv, pmr, cmr*)