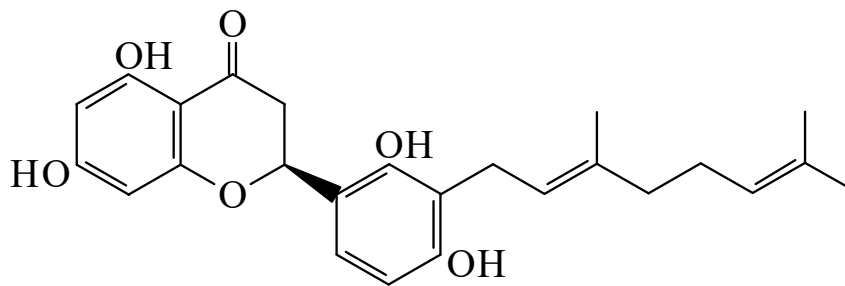




>>Entry Name: Sanggenol A

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



Molecular Formula: C₂₅H₂₈O₆

Molecular Weight: 424.493

Accurate Mass: 424.18859

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

>>Variant: (*S*)-(*E*)-form

CAS Registry Number: 174423-30-4

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 cathayana* (Moraceae)

Physical Description: Amorph. powder

Optical Rotation: [α]_D²²+11 (c, 0.2 in MeOH)

UV: [neutral] λ_{max} 209 (log ϵ 4.62); 230 (sh) (log ϵ 4.41); 289 (log ϵ 4.17); 300 (sh) () (MeOH)

References:

Fukai, T. *et al.*, *Heterocycles*, 1996, **43**, 425-436, (*isol, uv, cd, pmr, cmr, ms*)