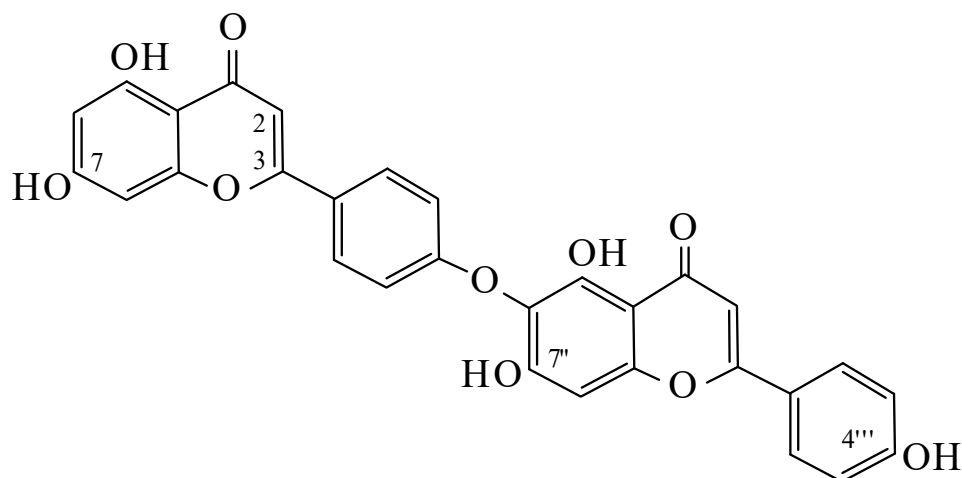




>>Entry Name: Hinokiflavone

Synonym(s): 6-[4-(5,7-Dihydroxy-4-oxo-4*H*-1-benzopyran-2-yl)phenoxy]-5,7-dihydroxy-2-(4-hydroxyphenyl)-4*H*-1-benzopyran-4-one, 9CI



CAS Registry Number: 19202-36-9

Molecular Formula: C₃₀H₁₈O₁₀

Molecular Weight: 538.466

Accurate Mass: 538.09

Percentage Composition: C 66.92%; H 3.37%; O 29.71%

Biological Source: Obt. from leaves of *Chamaecyparis obtusa*. Also from *Psilotum triquetrum*. Present in the Cupressaceae, Cycadales and many other plants

Physical Description: Cryst. (hydrate)

Melting Point: Mp 353-355 dec.°

>>Derivative: Penta-Ac

Molecular Formula: C₄₀H₂₈O₁₅

Molecular Weight: 748.652

Accurate Mass: 748.142825

Percentage Composition: C 64.17%; H 3.77%; O 32.06%

Melting Point: Mp 239-240 dec.°

>>Derivative: 4'''-Me ether

Synonym(s): Cryptomerin A

CAS Registry Number: 22012-97-1

Molecular Formula: C₃₁H₂₀O₁₀

Molecular Weight: 552.493

Accurate Mass: 552.10565

Percentage Composition: C 67.39%; H 3.65%; O 28.96%

Biological Source: Obt. from leaves of *Cryptomeria japonica*

Physical Description: Yellow prisms (MeOH/Py)

Melting Point: Mp 308-310 dec.°

>>Derivative: 7-Me ether

Synonym(s): Neocryptomerin

CAS Registry Number: 20931-36-6

Molecular Formula: C₃₁H₂₀O₁₀

Molecular Weight: 552.493

Accurate Mass: 552.10565

Percentage Composition: C 67.39%; H 3.65%; O 28.96%

Biological Source: From the leaves of *Podocarpus macrophylla*