



CAS Registry Number: 21784-71-4
Molecular Formula: C₁₃H₁₀O₆
Molecular Weight: 262.218
Accurate Mass: 262.04774
Percentage Composition: C 59.55%; H 3.84%; O 36.61%
Melting Point: Mp 137° (128-130°)

>>Derivative: 7-Me ether

Synonym(s): 8-Hydroxy-7-methoxy-2*H*-1-benzopyran-2-one, 9Cl. 8-Hydroxy-7-methoxycoumarin, 8Cl

CAS Registry Number: 19492-03-6

Molecular Formula: C₁₀H₈O₄
Molecular Weight: 192.171
Accurate Mass: 192.04226
Percentage Composition: C 62.50%; H 4.20%; O 33.30%
Biological Source: From *Hydrangea macrophylla* and *Artemisia dracunculoides*
Physical Description: Prisms (C₆H₆/MeOH)
Melting Point: Mp 173-174°

>>Derivative: 8-Me ether

Synonym(s): 7-Hydroxy-8-methoxy-2*H*-1-benzopyran-2-one, 9Cl. 7-Hydroxy-8-methoxycoumarin, 8Cl. **Hydrangetin.** Hydrangeacoumarin

CAS Registry Number: 485-90-5

Molecular Formula: C₁₀H₈O₄
Molecular Weight: 192.171
Accurate Mass: 192.04226
Percentage Composition: C 62.50%; H 4.20%; O 33.30%
Biological Source: From *Artemisia apiacea* and *Hydrangea macrophylla*. Also in other *Hydrangea* spp. and *Philadelphus coronarius*
Physical Description: Needles (C₆H₆)
Melting Point: Mp 152°. Mp 157-157.5°

>>Derivative: 8-Me ether, 7-*O*-β-D-glucopyranoside

Synonym(s): ***O*-Methyldaphnin**

CAS Registry Number: 31564-25-7

Molecular Formula: C₁₆H₁₈O₉
Molecular Weight: 354.313
Accurate Mass: 354.095085
Percentage Composition: C 54.24%; H 5.12%; O 40.64%
Biological Source: Constit. of *Enkianthus campanulatus*

>>Derivative: Di-Me ether

Synonym(s): 7,8-Dimethoxy-2*H*-1-benzopyran-2-one, 9Cl. 7,8-Dimethoxycoumarin, 9Cl

CAS Registry Number: 2445-80-9

Molecular Formula: C₁₁H₁₀O₄
Molecular Weight: 206.198
Accurate Mass: 206.05791
Percentage Composition: C 64.07%; H 4.89%; O 31.04%
Biological Source: Constit. of *Artemisia apiacea*
Physical Description: Needles (H₂O)
Melting Point: Mp 119-121°