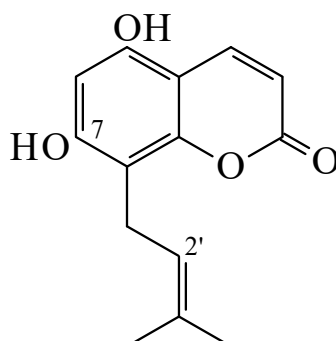




>>Entry Name: **5,7-Dihydroxy-8-prenylcoumarin**

Synonym(s): 5,7-Dihydroxy-8-(3-methyl-2-butenyl)-2*H*-1-benzopyran-2-one, 9Cl



Molecular Formula: C₁₄H₁₄O₄

Molecular Weight: 246.262

Accurate Mass: 246.08921

Percentage Composition: C 68.28%; H 5.73%; O 25.99%

>>Derivative: 7-Me ether

Synonym(s): 5-Hydroxy-7-methoxy-8-prenylcoumarin. **Sibiricol**

CAS Registry Number: 26481-12-9

Type of Compound Code(s): VI0507

Molecular Formula: C₁₅H₁₆O₄

Molecular Weight: 260.289

Accurate Mass: 260.10486

Percentage Composition: C 69.22%; H 6.20%; O 24.59%

Biological Source: Isol. from *Seseli sibiricum*

Physical Description: Cryst. (EtOAc/hexane)

Melting Point: Mp 193-194°

>>Derivative: Di-Me ether

Synonym(s): 5,7-Dimethoxy-8-prenylcoumarin. **Coumurrayin**. *O*-Isopentylmettin (incorr.)

CAS Registry Number: 17245-25-9

Type of Compound Code(s): VI0507

Molecular Formula: C₁₆H₁₈O₄

Molecular Weight: 274.316

Accurate Mass: 274.12051

Percentage Composition: C 70.06%; H 6.61%; O 23.33%

Biological Source: Isol. from fruits of *Murraya paniculata*, also from *Hortia longifolia*, *Hortia badinii* and *Clausena anisata*

Physical Description: Prisms

Melting Point: Mp 157°

>>Derivative: 7-Me ether, 5-*O*-(3-methyl-2-butenyl)

Synonym(s): 7-Methoxy-8-prenyl-5-prenyloxycoumarin. **Sesibiricin**

CAS Registry Number: 26481-11-8

Type of Compound Code(s): VI0507

Molecular Formula: C₂₀H₂₄O₄

Molecular Weight: 328.407

Accurate Mass: 328.16746

Percentage Composition: C 73.15%; H 7.37%; O 19.49%

Biological Source: Constit. of the roots of *Seseli sibiricum*

Melting Point: Mp 120-122°

>>Derivative: 3',4'-Epoxide, di-Me ether

see Sibiricin, [CLZ63-I](#)