



Accurate Mass: 222.052825
Percentage Composition: C 59.46%; H 4.54%; O 36.00%
Biological Source: Isol. from *Leptodactylon* spp. and *Lianthus* spp.
Physical Description: Yellow needles (EtOH)
Melting Point: Mp 149-152°. Mp 197-199° (MeOH)

>>**Derivative:** 5,7-Di-Me ether, 8-*O*-(3-methyl-2-butenyl)
Synonym(s): 5,7-Dimethoxy-8-prenyloxycoumarin. **Artanin**

CAS Registry Number: 96917-26-9

Molecular Formula: C₁₆H₁₈O₅
Molecular Weight: 290.315
Accurate Mass: 290.115425
Percentage Composition: C 66.20%; H 6.25%; O 27.56%
Biological Source: Constit. of *Artemisia tanacetifolia*
Physical Description: Cryst. (petrol)
Melting Point: Mp 108-111°

>>**Derivative:** 5,7-Di-Me ether, 8-*O*-(4-hydroxy-3-methylbutyl)
Synonym(s): **Methylacarol**

CAS Registry Number: 96917-28-1

Molecular Formula: C₁₆H₂₀O₆
Molecular Weight: 308.33
Accurate Mass: 308.12599
Percentage Composition: C 62.33%; H 6.54%; O 31.13%
Biological Source: Constit. of *Artemisia laciniata* and *Artemisia armeniaca*
Physical Description: Cryst. (Et₂O)
Melting Point: Mp 104-106°

>>**Derivative:** 5,8-Di-Me ether
Synonym(s): 7-Hydroxy-5,8-dimethoxy-2*H*-1-benzopyran-2-one. 7-Hydroxy-5,8-dimethoxycoumarin

CAS Registry Number: 32590-66-2

Molecular Formula: C₁₁H₁₀O₅
Molecular Weight: 222.197
Accurate Mass: 222.052825
Percentage Composition: C 59.46%; H 4.54%; O 36.00%
Biological Source: Constit. of *Ruta* spp.
Physical Description: Cryst. (MeOH)
Melting Point: Mp 197-199°

>>**Derivative:** 5,8-Di-Me ether, 7-*O*-(3-methyl-2-butenyl)
Synonym(s): 5,8-Dimethoxy-7-prenyloxycoumarin

CAS Registry Number: 85011-59-2

Molecular Formula: C₁₆H₁₈O₅
Molecular Weight: 290.315
Accurate Mass: 290.115425
Percentage Composition: C 66.20%; H 6.25%; O 27.56%
Biological Source: Constit. of *Toddalia aculeata*

>>**Derivative:** 7,8-Di-Me ether
Synonym(s): 5-Hydroxy-7,8-dimethoxy-2*H*-1-benzopyran-2-one. 5-Hydroxy-7,8-dimethoxycoumarin

CAS Registry Number: 65729-54-6

Molecular Formula: C₁₁H₁₀O₅
Molecular Weight: 222.197
Accurate Mass: 222.052825
Percentage Composition: C 59.46%; H 4.54%; O 36.00%
Biological Source: Constit. of *Artemisia laciniata*
Physical Description: Cryst. (CHCl₃/MeOH)
Melting Point: Mp 242°