Molecular Formula: $C_{23}H_{24}O_{12}$
Molecular Weight: 492.435
Accurate Mass: 492.12678
Percentage Composition: C 56.10%; H 4.91%; O 38.99%
Biological Source: Isol. from *Eupatorium tinifolium*

>>**Derivative:** 5,6-Di-Me ether
Synonym(s): 3,4',7-Trihydroxy-5,6-dimethoxyflavone. 4',7-Dihydroxy-5,6-dimethoxyflavonol

CAS Registry Number: 87339-62-6

Molecular Formula: $C_{17}H_{14}O_7$
Molecular Weight: 330.293
Accurate Mass: 330.073955
Percentage Composition: C 61.82%; H 4.27%; O 33.91%
Biological Source: Constit. of *Adenostoma sparsifolium*

>>**Derivative:** 6,7-Di-Me ether

>>**Derivative:** 3,4',6-Tri-Me ether

>>**Derivative:** 3,5,7-Tri-Me ether
Synonym(s): 4',6-Dihydroxy-3,5,7-trimethoxyflavone

CAS Registry Number: 154662-03-0

Molecular Formula: $C_{18}H_{16}O_7$
Molecular Weight: 344.32
Accurate Mass: 344.089605
Percentage Composition: C 62.79%; H 4.68%; O 32.53%
Biological Source: Constit. of *Jasonia candicans*
Physical Description: Pale yellow cryst. (MeOH)
Melting Point: Mp 238-240°

>>**Derivative:** 3,6,7-Tri-Me ether
Synonym(s): 4',5-Dihydroxy-3,6,7-trimethoxyflavone. **Penduletin.** Candirone

CAS Registry Number: 569-80-2

Molecular Formula: $C_{18}H_{16}O_7$
Molecular Weight: 344.32
Accurate Mass: 344.089605
Percentage Composition: C 62.79%; H 4.68%; O 32.53%
Biological Source: Constit. of *Tephrosia candida*, *Brickellia, Artemisia, Parthenium, Baccharis, Heterotheca* and others
Physical Description: Yellow cryst. (MeOH)
Melting Point: Mp 222°
Solubility: BERDY SOL: Sol. Et_2O, bases; poorly sol. H_2O
UV: [neutral] λ_{max} 272 (ε 18200); 340 (ε 19500) (MeOH) (Berdy) [base] λ_{max} 271 (); 272 (ε 17000); 296 (ε 25600); 394 () (MeOH-NAOH) (Berdy)
Other Data: Struct. of Candirone revised (1994)

>>**Derivative:** 3,6,7-Tri-Me ether, 4'-*O*-β-D-glucopyranoside
Synonym(s): Pendulin‡

CAS Registry Number: 14801-84-4

Molecular Formula: $C_{24}H_{26}O_{12}$
Molecular Weight: 506.462
Accurate Mass: 506.14243
Percentage Composition: C 56.92%; H 5.17%; O 37.91%
Biological Source: Isol. from *Baccharis pendula* and *Chrysosplenium* spp
Physical Description: Yellow needles + $2H_2O$ (MeOH aq.)
Melting Point: Mp 179-181°
Optical Rotation: $[\alpha]_D^{20}$ –34 (Py)