Accurate Mass: 344.089605
Percentage Composition: C 62.79%; H 4.68%; O 32.53%
Physical Description: Cryst. (MeOH)
Melting Point: Mp 199-200°
Other Data: Originally assigned struct. of Pedunculin below

>>**Derivative:** 4',6,7-Tri-Me ether, 8-*O*-β-D-glucopyranoside

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: Constit. of *Isodon enanderianus*
Physical Description: Amorph. yellow powder
Optical Rotation: $[\alpha]_D^{25}$ –39 (c, 0.25 in Py)

>>**Derivative:** 4',6,8-Tri-Me ether
Synonym(s): 5,7-Dihydroxy-4',6,8-trimethoxyflavone. **Nevadensin‡.** Pedunculin

CAS Registry Number: 10176-66-6

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 *Iva nevadensis*, *Helianthus* spp., *Gardenia* spp., *Tithonia* spp. and others
Biological Use/Importance: Shows antitubercular activity. Antitussive, expectorant agent
Physical Description: Cryst. (C_6H_6)
Melting Point: Mp 186-188°. Mp 193-195° (double Mp). Mp 198-199°
Calculated Log P Data: Log P 0.97 (calc)
UV: [neutral] λ_{max} 280 (ε 28000); 336 (ε 11000) (EtOH) (Berdy) [base] λ_{max} 280 (ε 27000); 336 (ε 17000) (NAOH) (Berdy)
Other Data: Struct. of Pedunculin revised in 1995

>>**Derivative:** 4',6,8-Tri-Me ether, 5-*O*-β-D-glucopyranoside
Synonym(s): Nevadensin 5-glucoside

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: Constit. of *Lysionotus pauciflorus* (Gesneriaceae)
Physical Description: Yellow powder

>>**Derivative:** 4',6,8-Tri-Me ether, 7-*O*-β-D-glucopyranoside
Synonym(s): Nevadensin 7-glucoside

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: Constit. of *Lysionotus pauciflorus*
UV: [neutral] λ_{max} 283 (); 330 () (MeOH)

>>**Derivative:** 4',6,8-Tri-Me ether, 5-*O*-[β-D-glucopyranosyl-(1→6)-β-D-glucopyranoside]
Synonym(s): Nevadensin 5-gentiobioside

Molecular Formula: $C_{30}H_{36}O_{17}$
Molecular Weight: 668.604
Accurate Mass: 668.195255
Percentage Composition: C 53.89%; H 5.43%; O 40.68%
Biological Source: Constit. of *Lysionotus pauciflorus* (Gesneriaceae)
Physical Description: Yellow powder