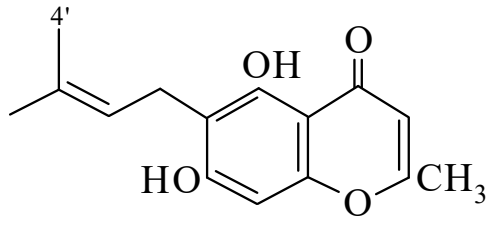
>>**Entry Name: Peucenin**
Synonym(s): 5,7-Dihydroxy-2-methyl-6-(3-methyl-2-butenyl)-4*H*-1-benzopyran-4-one, 9CI. 5,7-Dihydroxy-2-methyl-6-prenylchromone



CAS Registry Number: 578-72-3

Molecular Formula: $C_{15}H_{16}O_4$
Molecular Weight: 260.289
Accurate Mass: 260.10486
Percentage Composition: C 69.22%; H 6.20%; O 24.59%
Biological Source: From the rhizome of *Peucedanum ostruthium* and the heartwood of *Ptaeroxylon obliquum*
Physical Description: Plates (Et_2O)
Melting Point: Mp 212°

>>**Derivative:** 7-Me ether
Synonym(s): 7-*O*-Methylpeucenin. 5-Hydroxy-7-methoxy-2-methyl-6-prenylchromone. **7-*O*-Methylpeucenin**
CAS Registry Number: 13544-40-6

Molecular Formula: $C_{16}H_{18}O_4$
Molecular Weight: 274.316
Accurate Mass: 274.12051
Percentage Composition: C 70.06%; H 6.61%; O 23.33%
Biological Source: Constit. of *Angelica* sp., *Harrisonia* sp., *Peucedanum* sp., *Skimmia* sp. and *Marshallia obovata*
Physical Description: Needles (MeOH)
Melting Point: Mp 108.5-109.5°

>>**Derivative:** 4'-Hydroxy
Synonym(s): Cnidimol A

CAS Registry Number: 103629-80-7

Molecular Formula: $C_{15}H_{16}O_5$
Molecular Weight: 276.288
Accurate Mass: 276.099775
Percentage Composition: C 65.21%; H 5.84%; O 28.95%
Biological Source: Isol. from the Chinese crude drug "She Chang Zi", the fruit of a *Cnidium* sp.
Melting Point: Mp 203-204°

>>**Derivative:** 4'-Hydroxy, 7-*O*-β-D-glucopyranoside
Synonym(s): Cnidimol 7-glucoside

CAS Registry Number: 121748-72-9

Molecular Formula: $C_{21}H_{26}O_{10}$
Molecular Weight: 438.43
Accurate Mass: 438.1526
Percentage Composition: C 57.53%; H 5.98%; O 36.49%
Biological Source: Constit. of *Angelica archangelica* and *Archangelica litoralis*
Other Data: C-2' config. not known

>>**Derivative:** 4'-β-D-(Glucopyranosyloxy)
Synonym(s): Cnidimoside A

CAS Registry Number: 155112-93-9

Molecular Formula: $C_{21}H_{26}O_{10}$
Molecular Weight: 438.43
Accurate Mass: 438.1526
Percentage Composition: C 57.53%; H 5.98%; O 36.49%
Biological Source: Constit. of *Cnidium japonicum*
Physical Description: Cryst. powder
Melting Point: Mp 137-139°
Optical Rotation: [α]