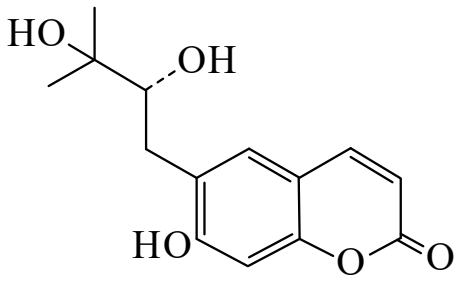
>>**Entry Name: Peucedanol**
Synonym(s): 6-(2,3-Dihydroxy-3-methylbutyl)-7-hydroxy-2*H*-1-benzopyran-2-one, 9CI. 6-(2,3-Dihydroxy-3-methylbutyl)-7-hydroxycoumarin



(*R*)-*form*

CAS Registry Number: 20126-72-1
Related CAS Registry Numbers(s): 36149-96-9 38409-37-9

Molecular Formula: $C_{14}H_{16}O_5$
Molecular Weight: 264.277
Accurate Mass: 264.099775
Percentage Composition: C 63.63%; H 6.10%; O 30.27%

>>**Variant:** (*R*)-form

CAS Registry Number: 20516-23-8

Molecular Formula: $C_{14}H_{16}O_5$
Molecular Weight: 264.277
Accurate Mass: 264.099775
Percentage Composition: C 63.63%; H 6.10%; O 30.27%
Biological Source: Constit. of roots of *Peucedanum japonicum*
Physical Description: Cryst. (EtOAc)
Melting Point: Mp 177.5-178° (174-175°)
Optical Rotation: $[\alpha]_D^{23}$+50.2 (c, 0.5 in EtOH)

>>**Derivative:** 2'-*O*-β-D-Glucopyranoside

CAS Registry Number: 65853-03-4

Molecular Formula: $C_{20}H_{26}O_{10}$
Molecular Weight: 426.419
Accurate Mass: 426.1526
Percentage Composition: C 56.33%; H 6.15%; O 37.52%
Biological Source: Constit. of *Seseli montanum*
Optical Rotation: $[\alpha]_D^{23}$+13.4 (c, 1.2 in MeOH)

>>**Derivative:** 3'-*O*-β-D-Glucopyranoside

CAS Registry Number: 65891-61-4

Molecular Formula: $C_{20}H_{26}O_{10}$
Molecular Weight: 426.419
Accurate Mass: 426.1526
Percentage Composition: C 56.33%; H 6.15%; O 37.52%
Biological Source: Constit. of *Seseli montanum* and *Phlojodicarpus turczaninovii*
Melting Point: Mp 160-162°
Optical Rotation: $[\alpha]_D^{23}$+16.9 (c, 1.2 in MeOH)

>>**Derivative:** 7-*O*-β-D-Glucopyranoside

CAS Registry Number: 65853-04-5

Molecular Formula: $C_{20}H_{26}O_{10}$
Molecular Weight: 426.419
Accurate Mass: 426.1526
Percentage Composition: C 56.33%; H 6.15%; O 37.52%
Biological Source: Constit. of roots of *Seseli montanum*
Melting Point: Mp 205-205.5°
Optical Rotation: $[\alpha]_D^{24}$–12.3 (c, 1 in MeOH)