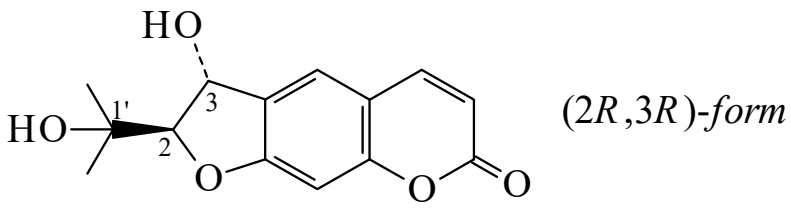
>>**Entry Name: 2,3-Dihydro-3-hydroxy-2-(1-hydroxy-1-methylethyl)-7*H*-furo[3,2-*g*][1]benzopyran-7-one,** 9CI



(2*R*,3*R*)-*form*

Molecular Formula: $C_{14}H_{14}O_5$
Molecular Weight: 262.262
Accurate Mass: 262.084125
Percentage Composition: C 64.12%; H 5.38%; O 30.50%

>>**Variant:** (2*R*,3*R*)-form

CAS Registry Number: 96647-80-2
Molecular Formula: $C_{14}H_{14}O_5$
Molecular Weight: 262.262
Accurate Mass: 262.084125
Percentage Composition: C 64.12%; H 5.38%; O 30.50%
Physical Description: Needles (EtOH)
Melting Point: Mp 152.5-154°
Optical Rotation: $[\alpha]_D^{24}$–30.6 (Me_2CO)

>>**Derivative:** 1'-*O*-β-D-Galactopyranoside
Synonym(s): Decuroside V

CAS Registry Number: 96648-59-8

Molecular Formula: $C_{20}H_{24}O_{10}$
Molecular Weight: 424.404
Accurate Mass: 424.13695
Percentage Composition: C 56.60%; H 5.70%; O 37.70%
Biological Source: Constit. of *Peucedanum decursivum*
Physical Description: Needles (MeCN aq.)
Melting Point: Mp 143.5-145°
Optical Rotation: $[\alpha]_D^{24}$+71.7 (c, 1.52 in MeOH)

>>**Variant:** (2*S*,3*R*)-form
Synonym(s): 3*R*-Hydroxymarmesin

CAS Registry Number: 87725-60-8

Molecular Formula: $C_{14}H_{14}O_5$
Molecular Weight: 262.262
Accurate Mass: 262.084125
Percentage Composition: C 64.12%; H 5.38%; O 30.50%
Biological Source: Constit. of *Brosimum gaudichaudii*
Melting Point: Mp 176° (softens at 159°)
Optical Rotation: $[\alpha]_D^{20}$+43 (c, 0.2 in MeOH)

>>**Derivative:** 1'-*O*-β-D-Glucopyranoside

CAS Registry Number: 87592-77-6

Molecular Formula: $C_{20}H_{24}O_{10}$
Molecular Weight: 424.404
Accurate Mass: 424.13695
Percentage Composition: C 56.60%; H 5.70%; O 37.70%
Biological Source: Constit. of *Angelica archangelica*, *Cnidium monnieri* and *Glehnia littoralis*
Physical Description: Needles (MeOH)
Melting Point: Mp 267-269°
Optical Rotation: $[\alpha]_D^{22}$–18 (c, 0.8 in Py)