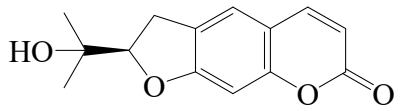
>>**Entry Name: 2,3-Dihydro-2-(1-hydroxy-1-methylethyl)-7*H*-furo[3,2-*g*][1]benzopyran-7-one,** 9CI



(*R*)-*form*

Molecular Formula: $C_{14}H_{14}O_4$
Molecular Weight: 246.262
Accurate Mass: 246.08921
Percentage Composition: C 68.28%; H 5.73%; O 25.99%

>>**Variant:** (*R*)-form
Synonym(s): Nodakenetin. Prangeferol

CAS Registry Number: 495-32-9

Molecular Formula: $C_{14}H_{14}O_4$
Molecular Weight: 246.262
Accurate Mass: 246.08921
Percentage Composition: C 68.28%; H 5.73%; O 25.99%
Biological Source: Constit. of *Angelica* spp., *Prangos ferulacea* roots and *Scaevola frutescens* leaves
Melting Point: Mp 186.5°
Optical Rotation: $[\alpha]_D$ –22.4

>>**Derivative:** *O*-β-D-Glucopyranoside
Synonym(s): Nodakenin

CAS Registry Number: 495-31-8

Molecular Formula: $C_{20}H_{24}O_9$
Molecular Weight: 408.404
Accurate Mass: 408.142035
Percentage Composition: C 58.82%; H 5.92%; O 35.26%
Biological Source: Isol. from *Peucedanum decursivum* roots
Physical Description: Platelets (EtOH), prisms (H_2O)
Melting Point: Mp 215-219°. Mp 259-260 dec.°
Optical Rotation: $[\alpha]_D^{30}$+56.6 (H_2O)

>>**Derivative:** *O*-[(2*E*-Butenoyl)-(→6)-β-D-glucopyranoside]
Synonym(s): 6'-*O*-(2-*trans*-Butenoyl)nodakenin. **Decuroside VI**

Molecular Formula: $C_{24}H_{28}O_{10}$
Molecular Weight: 476.479
Accurate Mass: 476.16825
Percentage Composition: C 60.50%; H 5.92%; O 33.58%
Biological Source: Constit. of the roots of *Peucedanum decursivum*
Physical Description: Yellow powder
UV: [neutral] λ_{max} 203 (); 334 () (no solvent reporetd)

>>**Derivative:** *O*-[(4-Hydroxy-3-methoxy-*E*-cinnamoyl)-(→6)-β-D-glucopyranoside]
Synonym(s): 6'-*O-trans*-Feruloylnodakenin

CAS Registry Number: 131623-14-8

Molecular Formula: $C_{30}H_{32}O_{12}$
Molecular Weight: 584.576
Accurate Mass: 584.18938
Percentage Composition: C 61.64%; H 5.52%; O 32.84%
Biological Source: Constit. of *Notopterygium forbesii*
Physical Description: Needles (MeOH aq.)
Melting Point: Mp 138-140°
Optical Rotation: $[\alpha]_D$ +49.8 (c, 0.5 in 50% EtOH aq.)