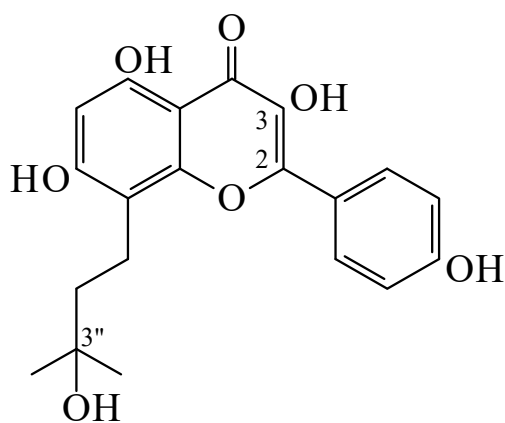




>>Entry Name: 3,4',5,7-Tetrahydroxy-8-(3-hydroxy-3-methylbutyl)flavone

Synonym(s): 3,5,7-Trihydroxy-8-(3-hydroxy-3-methylbutyl)-2-(4-hydroxyphenyl)-4*H*-1-benzopyran-4-one, 9Cl. **Noricaritin**. Desmethylicaritin



CAS Registry Number: 5240-95-9

Molecular Formula: C₂₀H₂₀O₇

Molecular Weight: 372.374

Accurate Mass: 372.120905

Percentage Composition: C 64.51%; H 5.41%; O 30.08%

Other Data: The name Noricaritin is misleading

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

Synonym(s): Noricariside

CAS Registry Number: 20194-37-0

Molecular Formula: C₂₆H₃₀O₁₂

Molecular Weight: 534.516

Accurate Mass: 534.17373

Percentage Composition: C 58.42%; H 5.66%; O 35.92%

Biological Source: Isol. from *Phellodendron* spp.

Melting Point: Mp 271-273°

>>Derivative: 7-O-β-D-Glucopyranoside

Synonym(s): Amurensin‡

CAS Registry Number: 641-94-1

Molecular Formula: C₂₆H₃₀O₁₂

Molecular Weight: 534.516

Accurate Mass: 534.17373

Percentage Composition: C 58.42%; H 5.66%; O 35.92%

Biological Source: Isol. from *Phellodendron amurense* and *Phellodendron sachalinense*

Physical Description: Small yellow needles (MeOH)

Melting Point: Mp 290°

>>Derivative: 3'',7-Di-O-β-D-glucopyranoside

Synonym(s): Phelloside. Phellozide

CAS Registry Number: 20194-51-8

Molecular Formula: C₃₂H₄₀O₁₇

Molecular Weight: 696.658

Accurate Mass: 696.226555

Percentage Composition: C 55.17%; H 5.79%; O 39.04%

Biological Source: Isol. from *Phellodendron amurense* and *Phellodendron sachalinense*

Physical Description: Yellow needles

Melting Point: Mp 282-284°