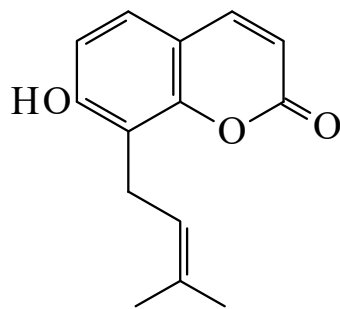




>>Entry Name: **Osthenol**

Synonym(s): 7-Hydroxy-8-(3-methyl-2-butenyl)-2*H*-1-benzopyran-2-one, 9Cl. 7-Hydroxy-8-prenylcoumarin



CAS Registry Number: 484-14-0

Molecular Formula: C₁₄H₁₄O₃

Molecular Weight: 230.263

Accurate Mass: 230.094295

Percentage Composition: C 73.03%; H 6.13%; O 20.84%

Physical Description: Cryst. (C₆H₆ or H₂O)

Melting Point: Mp 124-125°

Boiling Point: Bp_{0.1} 160-169°

>>Derivative: *O*-β-D-Glucopyranoside

Synonym(s): Vellein

Molecular Formula: C₂₀H₂₄O₈

Molecular Weight: 392.405

Accurate Mass: 392.14712

Percentage Composition: C 61.22%; H 6.16%; O 32.62%

Biological Source: From *Velleia discophora*

Physical Description: Cryst. + ½ H₂O

Melting Point: Mp 187.5-189°

>>Derivative: *O*-β-D-Galactopyranoside

CAS Registry Number: 192938-65-1

Molecular Formula: C₂₀H₂₄O₈

Molecular Weight: 392.405

Accurate Mass: 392.14712

Percentage Composition: C 61.22%; H 6.16%; O 32.62%

Biological Source: Constit. of *Murraya paniculata*

Melting Point: Mp 106-108°

UV: [neutral] λ_{max} 210 (); 250 (); 260 (); 320 () (no solvent reported)

>>Derivative: *O*-[β-D-Glucopyranosyl-(1→6)-β-D-glucopyranoside]

Synonym(s): β-Gentiobiosylosthenol

Molecular Formula: C₂₆H₃₄O₁₃

Molecular Weight: 554.547

Accurate Mass: 554.199945

Percentage Composition: C 56.31%; H 6.18%; O 37.51%

Biological Source: Constit. of *Glehnia littoralis*

Physical Description: Needles (H₂O)

Optical Rotation: [α]_D²⁶ 0 (c, 0.337 in MeOH)

Other Data: Ill-defined Mp

>>Derivative: Me ether

Synonym(s): 7-Methoxy-8-(3-methyl-2-butenyl)-2*H*-1-benzopyran-2-one. 7-Methoxy-8-prenylcoumarin. **Osthol**

CAS Registry Number: 484-12-8