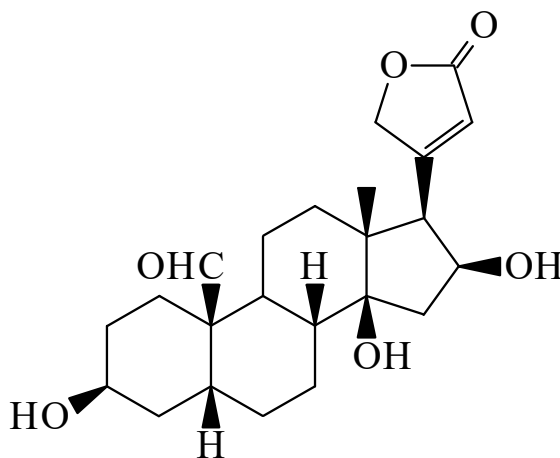




>>Entry Name: 3,14,16-Trihydroxy-19-oxo-5 β H-card-20(22)-enolide



Molecular Formula: C₂₃H₃₂O₆

Molecular Weight: 404.502

Accurate Mass: 404.21989

Percentage Composition: C 68.29%; H 7.97%; O 23.73%

>>Variant: (3 β ,5 β ,14 β ,16 β)-form

Synonym(s): Adonitoxigenin. 19-Oxogitogenin

Molecular Formula: C₂₃H₃₂O₆

Molecular Weight: 404.502

Accurate Mass: 404.21989

Percentage Composition: C 68.29%; H 7.97%; O 23.73%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 172-178°

>>Derivative: 3-O- α -L-Rhamnopyranoside

Synonym(s): Adonitoxin

CAS Registry Number: 17651-61-5

Molecular Formula: C₂₉H₄₂O₁₀

Molecular Weight: 550.645

Accurate Mass: 550.2778

Percentage Composition: C 63.26%; H 7.69%; O 29.06%

Biological Source: Constit. of *Adonis vernalis*

Physical Description: Cryst. (CHCl₃/MeOH/Et₂O)

Melting Point: Mp 262-265 dec.°

Optical Rotation: [α]_D -27 (MeOH)

Hazard & Toxicity: Highly toxic, LD₅₀ 0.191 mg/kg (cat)

>>Derivative: 3-O-(3-O-Acetyl- α -L-rhamnopyranoside)

Synonym(s): Acetyladonitoxin

Molecular Formula: C₃₁H₄₄O₁₁

Molecular Weight: 592.682

Accurate Mass: 592.288365

Percentage Composition: C 62.82%; H 7.48%; O 29.69%

Biological Source: Constit. of *Adonis vernalis*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 213-219 dec.°

Optical Rotation: [α]_D²³ -19.9 (MeOH)