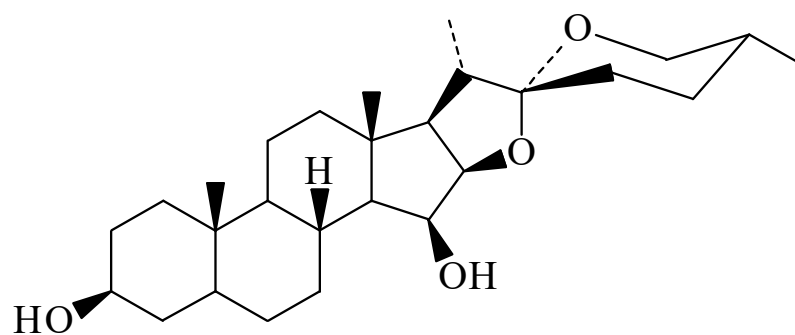




>>Entry Name: Spirostane-3,15-diol



Molecular Formula: C₂₇H₄₄O₄

Molecular Weight: 432.642

Accurate Mass: 432.32396

Percentage Composition: C 74.96%; H 10.25%; O 14.79%

>>Variant: (3β,5α,15β,25*R*)-form

Synonym(s): Digalogenin

CAS Registry Number: 6877-35-6

Molecular Formula: C₂₇H₄₄O₄

Molecular Weight: 432.642

Accurate Mass: 432.32396

Percentage Composition: C 74.96%; H 10.25%; O 14.79%

Biological Source: Constit. of *Digitalis purpurea* and *Digitalis lanata*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 218.5-220.5° (212.5-214°)

Optical Rotation: [α]_D¹⁹ -75.5 (c, 1 in CHCl₃)

>>Derivative: Glycoside

Synonym(s): Lanadigaloinin I

Molecular Formula: C₅₆H₉₂O₂₈

Molecular Weight: 1213.326

Accurate Mass: 1212.57752

Percentage Composition: C 55.44%; H 7.64%; O 36.92%

Other Data: Prob. a glycoside of Digalogenin (25-config. not detd.) with 1Xyl, 2 Glu and 2 Gal

>>Derivative: Glycoside

Synonym(s): Digaloinin

Molecular Formula: C₅₆H₉₂O₂₈

Molecular Weight: 1213.326

Accurate Mass: 1212.57752

Percentage Composition: C 55.44%; H 7.64%; O 36.92%

Biological Source: Isol. from *Digitalis purpurea*

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 250-295° (unsharp)

Other Data: Prob. a glycoside of Digalogenin with 1Xyl, 2 Glu and 2 Gal

>>Derivative: 3-Ac

CAS Registry Number: 52342-71-9

Physical Description: Cryst. (MeOH)

Optical Rotation: [α]_D -78 (c, 0.19 in CHCl₃)