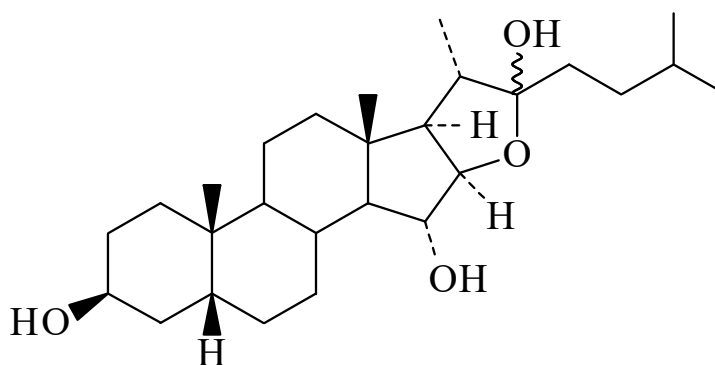




>>Entry Name: Furostane-3,15,22-triol



Molecular Formula: C₂₇H₄₆O₄

Molecular Weight: 434.658

Accurate Mass: 434.33961

Percentage Composition: C 74.61%; H 10.67%; O 14.72%

>>Variant: (3β,5β,15α,22ξ)-form

Molecular Formula: C₂₇H₄₆O₄

Molecular Weight: 434.658

Accurate Mass: 434.33961

Percentage Composition: C 74.61%; H 10.67%; O 14.72%

>>Derivative: 3-*O*-[β-D-Glucopyranosyl-(1→2)-β-D-galactopyranoside]

Synonym(s): Anemarrhenasaponin I

CAS Registry Number: 163047-21-0

Molecular Formula: C₃₉H₆₆O₁₄

Molecular Weight: 758.942

Accurate Mass: 758.44526

Percentage Composition: C 61.72%; H 8.77%; O 29.51%

Biological Source: Constit. of *Anemarrhena asphodeloides*

Physical Description: Needles (EtOH)

Melting Point: Mp 202-204°

Optical Rotation: [α]_D −41.7 (c, 1.08 in Py)

>>Variant: (3β,5β,15β,22ξ)-form

Molecular Formula: C₂₇H₄₆O₄

Molecular Weight: 434.658

Accurate Mass: 434.33961

Percentage Composition: C 74.61%; H 10.67%; O 14.72%

>>Derivative: 3-*O*-[β-D-Glucopyranosyl-(1→2)-β-D-galactopyranoside]

Synonym(s): Anemarrhenasaponin II

CAS Registry Number: 163047-22-1

Molecular Formula: C₃₉H₆₆O₁₄

Molecular Weight: 758.942

Accurate Mass: 758.44526

Percentage Composition: C 61.72%; H 8.77%; O 29.51%

Biological Source: Constit. of *Anemarrhena asphodeloides*

Physical Description: Needles (MeOH)

Melting Point: Mp 174-176°

Optical Rotation: [α]_D −39.1 (c, 0.95 in Py)

References:

Saito, S. *et al.*, *Chem. Pharm. Bull.*, 1994, **42**, 2342, (*isol*, *pmr*, *cmr*)