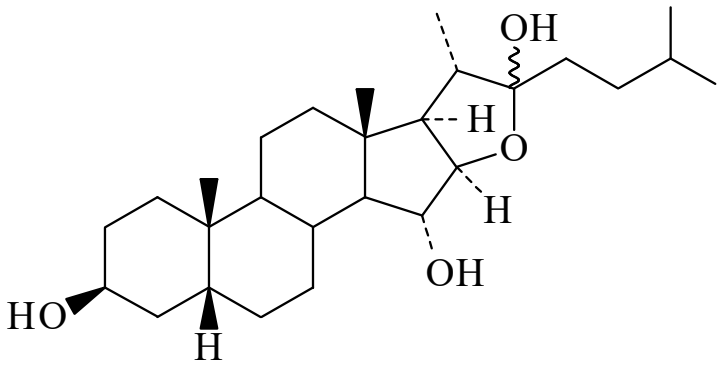
>>**Entry Name: Furostane-3,15,22-triol**



Molecular Formula: $C_{27}H_{46}O_4$
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: $C_{27}H_{46}O_4$
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: $C_{39}H_{66}O_{14}$
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: $[\alpha]_D$ –41.7 (c, 1.08 in Py)

>>**Variant:** (3β,5β,15β,22ξ)-form

Molecular Formula: $C_{27}H_{46}O_4$
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: $C_{39}H_{66}O_{14}$
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: $[\alpha]_D$ –39.1 (c, 0.95 in Py)

References:

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