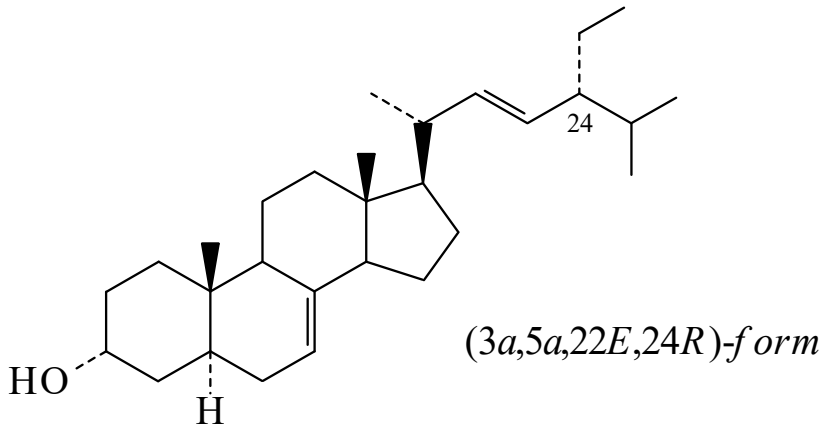
>>**Entry Name: Stigmasta-7,22-dien-3-ol**
ENTRY UNDER REVIEW



(3*a*,5*a*,22*E*,24*R*)-*form*

Molecular Formula: $C_{29}H_{48}O$
Molecular Weight: 412.698
Accurate Mass: 412.370515
Percentage Composition: C 84.40%; H 11.72%; O 3.88%

>>**Variant:** (3α,5α,22*E*,24*R*)-form
Synonym(s): 3-Epichondrillasterol

Molecular Formula: $C_{29}H_{48}O$
Molecular Weight: 412.698
Accurate Mass: 412.370515
Percentage Composition: C 84.40%; H 11.72%; O 3.88%
Biological Source: Constit. of *Mimusops elengi*
Physical Description: Cryst. (EtOAc/hexane)
Melting Point: Mp 150-152°
Optical Rotation: $[\alpha]_D^{20}$+15 (c, 0.4 in $CHCl_3$)

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

Molecular Formula: $C_{35}H_{58}O_6$
Molecular Weight: 574.84
Accurate Mass: 574.42334
Percentage Composition: C 73.13%; H 10.17%; O 16.70%
Biological Source: Constit. of *Mimusops elengi*
Physical Description: Cryst.
Melting Point: Mp 281-282 dec.°
Optical Rotation: $[\alpha]_D^{20}$–15.9 (c, 0.11 in $CHCl_3$/MeOH)

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

Molecular Formula: $C_{35}H_{58}O_6$
Molecular Weight: 574.84
Accurate Mass: 574.42334
Percentage Composition: C 73.13%; H 10.17%; O 16.70%
Biological Source: Constit. of *Mimusops elengi*
Physical Description: Cryst.
Melting Point: Mp 291°
Optical Rotation: $[\alpha]_D^{20}$–9.4 (c, 0.5 in $CHCl_3$/MeOH)

>>**Variant:** (3β,5α,22*E*,24*R*)-form
Synonym(s): Chondrillasterol. Poriferasta-7,22-dien-3-ol

CAS Registry Number: 481-17-4

Molecular Formula: $C_{29}H_{48}O$
Molecular Weight: 412.698
Accurate Mass: 412.370515
Percentage Composition: C 84.40%; H 11.72%; O 3.88%
Biological Source: Constit. of *Chondrilla nucula* and the green alga *Scenedesmus obliquus*
Physical Description: Cryst. (Me_2CO/MeOH)
Melting Point: Mp 174.5-175.5°
Optical Rotation: [α]