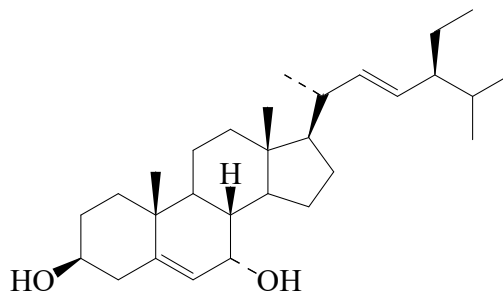




>>Entry Name: Stigmasta-5,22-diene-3,7-diol

Synonym(s): 24-Ethylcholesta-5,22-diene-3,7-diol



Molecular Formula: C₂₉H₄₈O₂

Molecular Weight: 428.697

Accurate Mass: 428.36543

Percentage Composition: C 81.25%; H 11.29%; O 7.46%

>>Variant: (3β,7α,22E,24S)-form

Synonym(s): 7α-Hydroxystigmasterol

CAS Registry Number: 64998-19-2

Molecular Formula: C₂₉H₄₈O₂

Molecular Weight: 428.697

Accurate Mass: 428.36543

Percentage Composition: C 81.25%; H 11.29%; O 7.46%

Biological Source: Constit. of *Joannesia princeps*

Physical Description: Cryst.

Melting Point: Mp 200-204°

Optical Rotation: [α]_D²¹ -64 (c, 0.2 in CHCl₃)

>>Variant: (3β,7β,22E,24S)-form

Synonym(s): 7β-Hydroxystigmasterol

CAS Registry Number: 64998-20-5

Molecular Formula: C₂₉H₄₈O₂

Molecular Weight: 428.697

Accurate Mass: 428.36543

Percentage Composition: C 81.25%; H 11.29%; O 7.46%

Biological Source: Constit. of *Joannesia princeps*

Physical Description: Cryst.

Melting Point: Mp 154-157°

Optical Rotation: [α]_D²¹ -15 (c, 0.2 in CHCl₃)

References:

Achenbach, H. *et al.*, *Phytochemistry*, 1997, **45**, 149-157, (*isol*, *pmr*)