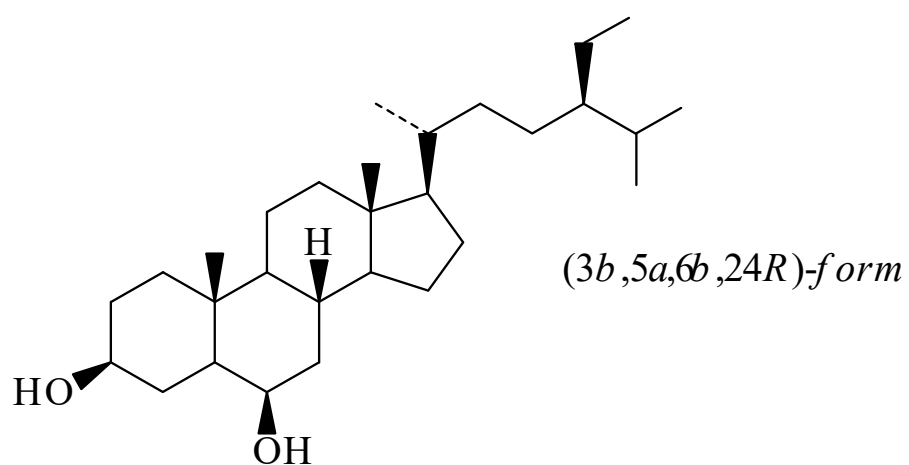




>>Entry Name: Stigmastane-3,6-diol



Molecular Formula: C₂₉H₅₂O₂

Molecular Weight: 432.729

Accurate Mass: 432.39673

Percentage Composition: C 80.49%; H 12.11%; O 7.39%

>>Variant: (3β,5α,6β,24*R*)-form

CAS Registry Number: 112244-29-8

Molecular Formula: C₂₉H₅₂O₂

Molecular Weight: 432.729

Accurate Mass: 432.39673

Percentage Composition: C 80.49%; H 12.11%; O 7.39%

Biological Source: Constit. of *Spatholobus suberetus* and *Trichosanthes kirilowii*

Use/Importance: Fibrinolytic agent

Physical Description: Prisms

Melting Point: Mp 207-209°

Optical Rotation: [α]_D²⁰ +41.8 (c, 0.74 in EtOH)

>>Derivative: Diketone

Synonym(s): Stigmastane-3,6-dione

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 Mature wheat straw (*Triticum aestivum*)

Physical Description: Cryst.

Melting Point: Mp 195-198°

>>Variant: (3β,5α,6α,24*S*)-form

Molecular Formula: C₂₉H₅₂O₂

Molecular Weight: 432.729

Accurate Mass: 432.39673

Percentage Composition: C 80.49%; H 12.11%; O 7.39%

Biological Source: Constit. of *Gracilaria edulis*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 214-215°

Optical Rotation: [α]_D²⁵ +46.2 (c, 0.25 in CHCl₃)