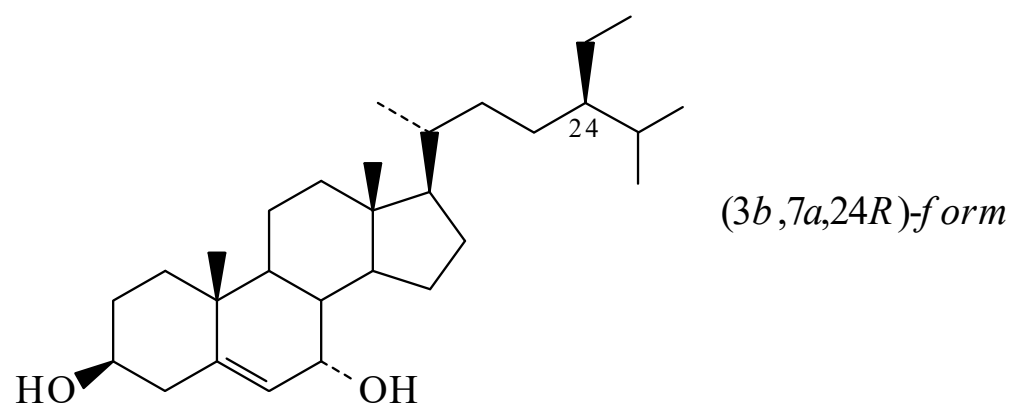




>>Entry Name: Stigmast-5-ene-3,7-diol
ENTRY UNDER REVIEW



Related CAS Registry Numbers(s): 80666-94-0

Molecular Formula: $C_{29}H_{50}O_2$
Molecular Weight: 430.713
Accurate Mass: 430.38108
Percentage Composition: C 80.87%; H 11.70%; O 7.43%

>>Variant: (3 β ,7 α ,24R)-form
Synonym(s): Ikshusterol. 7 α -Hydroxysitosterol

CAS Registry Number: 34427-61-7

Molecular Formula: $C_{29}H_{50}O_2$
Molecular Weight: 430.713
Accurate Mass: 430.38108
Percentage Composition: C 80.87%; H 11.70%; O 7.43%
Biological Source: Constit. of cane sugar (*Saccharum officinarum*) wax and of pineapple leaves (*Ananas comosus*) and *Spatholobus suberetus* and the sponge *Corallistes undulatus*
Biological Use/Importance: Fibrinolytic agent
Physical Description: Cryst. (MeOH)
Melting Point: Mp 129-133° (202-204°)
Optical Rotation: $[\alpha]_D -27$ (CHCl₃)

>>Derivative: 3-O- β -D-Glucopyranoside

CAS Registry Number: 112137-81-2

Molecular Formula: $C_{35}H_{60}O_7$
Molecular Weight: 592.855
Accurate Mass: 592.433905
Percentage Composition: C 70.91%; H 10.20%; O 18.89%
Biological Source: Constit. of *Urtica dioica*

>>Derivative: 7-Me ether
Synonym(s): Schleichol 2

CAS Registry Number: 256445-68-8

Molecular Formula: $C_{30}H_{52}O_2$
Molecular Weight: 444.74
Accurate Mass: 444.39673
Percentage Composition: C 81.02%; H 11.78%; O 7.19%
Biological Source: Constit. of *Schleichera oleosa*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 92-95°
Optical Rotation: $[\alpha]_D -93$ (c, 1.7 in CHCl₃)