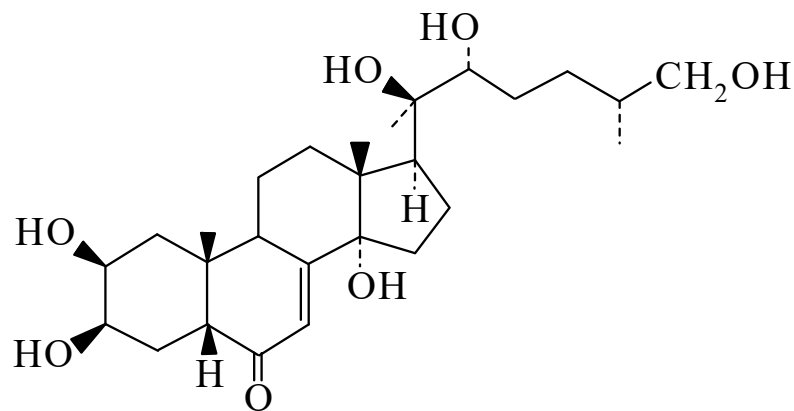




>>Entry Name: 2,3,14,20,22,26-Hexahydroxycholest-7-en-6-one



Molecular Formula: C₂₇H₄₄O₇

Molecular Weight: 480.64

Accurate Mass: 480.308705

Percentage Composition: C 67.47%; H 9.23%; O 23.30%

>>Variant: (2 β ,3 β ,5 β ,20*R*,22*R*,25*R*)-form

Synonym(s): Inokosterone

CAS Registry Number: 15130-85-5

Molecular Formula: C₂₇H₄₄O₇

Molecular Weight: 480.64

Accurate Mass: 480.308705

Percentage Composition: C 67.47%; H 9.23%; O 23.30%

Biological Source: Constit. of *Achyranthes fauriei*. Also from fern *Woodwardia orientalis*

Use/Importance: Analgesic. Shows high insect moulting hormone activity

Physical Description: Cryst. (MeOH/EtOAc)

Melting Point: Mp 255 dec.°

Calculated Log P Data: Log P –1.69 (uncertain value) (calc)

References:

Tomita, Y. *et al.*, *Chem. Comm.*, 1974, 434, (*biosynth*)

Hikino, H. *et al.*, *Tetrahedron*, 1976, **32**, 3015, (*synth, abs config*)

Coll, J. *et al.*, *Tetrahedron*, 1994, **50**, 7247, (*isol, pmr, cmr*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, IDD000