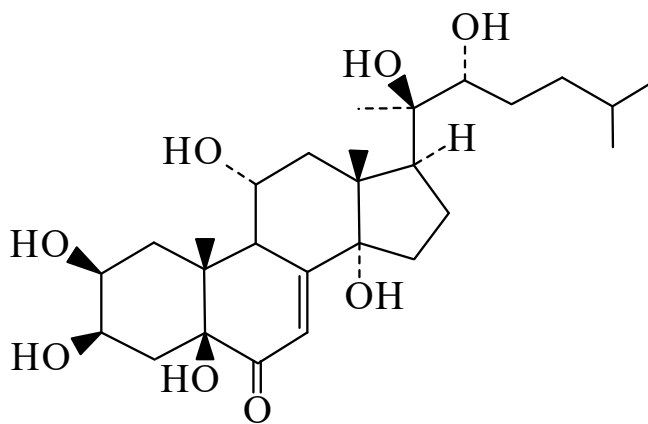




>>Entry Name: 2,3,5,11,14,20,22-Heptahydroxycholest-7-en-6-one



Molecular Formula: C₂₇H₄₄O₈

Molecular Weight: 496.64

Accurate Mass: 496.30362

Percentage Composition: C 65.30%; H 8.93%; O 25.77%

>>Variant: (2 β ,3 β ,5 β ,11 α ,20*R*,22*R*)-form

Synonym(s): Muristerone A

CAS Registry Number: 38778-30-2

Molecular Formula: C₂₇H₄₄O₈

Molecular Weight: 496.64

Accurate Mass: 496.30362

Percentage Composition: C 65.30%; H 8.93%; O 25.77%

Biological Source: Constit. of *Ipomoea calonyction*

Use/Importance: Shows v. high insect moulting activity

Physical Description: Cryst. (MeOH)

Melting Point: Mp 238-240°

Optical Rotation: [α]_D²⁰+49.6 (c, 1 in Py)

Sigma: M7888

References:

Canonica, L. *et al.*, *Phytochemistry*, 1975, **14**, 525, (*isol*)

Canonica, L. *et al.*, *Gazz. Chim. Ital.*, 1977, **107**, 123, (*struct*)

Krepinsky, J. *et al.*, *Org. Magn. Reson.*, 1977, **10**, 255, (*cmr*)