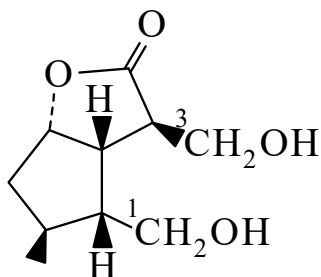




>>Entry Name: Gelsemiol



CAS Registry Number: 110414-77-2

Molecular Formula: C₁₀H₁₆O₄

Molecular Weight: 200.234

Accurate Mass: 200.10486

Percentage Composition: C 59.98%; H 8.05%; O 31.96%

Biological Source: Constit. of *Gelsemium sempervirens*

Physical Description: Cryst.

Melting Point: Mp 91-93°

Optical Rotation: $[\alpha]_D^{20} +13$ (c, 0.5 in MeOH)

>>Derivative: 1-O-β-D-Glucopyranoside

CAS Registry Number: 110309-32-5

Molecular Formula: C₁₆H₂₆O₉

Molecular Weight: 362.376

Accurate Mass: 362.157685

Percentage Composition: C 53.03%; H 7.23%; O 39.74%

Biological Source: From *Gelsemium sempervirens*

>>Derivative: 3-O-β-D-Glucopyranoside

CAS Registry Number: 110309-33-6

Molecular Formula: C₁₆H₂₆O₉

Molecular Weight: 362.376

Accurate Mass: 362.157685

Percentage Composition: C 53.03%; H 7.23%; O 39.74%

Biological Source: From *Gelsemium sempervirens*

References:

Jensen, S.R. *et al.*, *Phytochemistry*, 1987, **26**, 1725