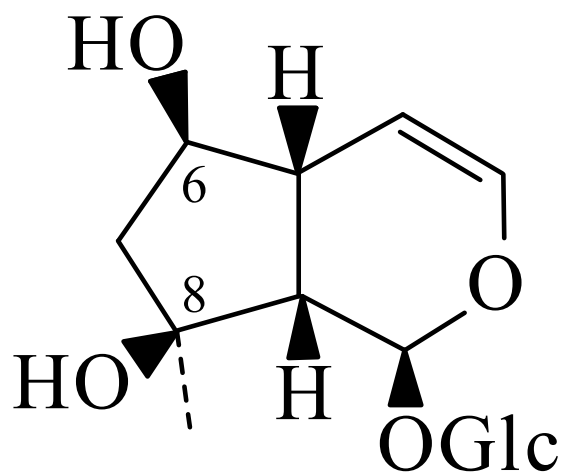




>>Entry Name: Ajugol

Synonym(s): Leonuride



CAS Registry Number: 52949-83-4

Molecular Formula: C₁₅H₂₄O₉

Molecular Weight: 348.349

Accurate Mass: 348.142035

Percentage Composition: C 51.72%; H 6.94%; O 41.34%

Biological Source: Constit. of *Ajuga reptans*, *Melittis melissophyllum*, *Rehmannia glutinosa* and *Leonurus cardiaca*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{24} -172.1$ (c, 0.53 in MeOH)

>>Derivative: 6-Ac

Synonym(s): 6-Acetylajugol

Molecular Formula: C₁₇H₂₆O₁₀

Molecular Weight: 390.386

Accurate Mass: 390.1526

Percentage Composition: C 52.30%; H 6.71%; O 40.98%

Biological Source: Constit. of *Leonurus persicus*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{20} -103.5$ (c, 0.07 in MeOH)

UV: [neutral] $\lambda_{\max}$ 210 (log ϵ 4.32); 232 (log ϵ 4.31) (MeOH)