



Biological Source: Constit. of *Goniothalamus arvensis*

Optical Rotation: $[\alpha]_D +6$ (c, 1 in EtOH)

UV: [neutral] $\lambda_{\max}$ 216 (log ϵ 2.47); 268 (log ϵ 2.51); 292 (log ϵ 2.52) (EtOH)

>> **Derivative:** 2-Epimer

Synonym(s): Isoaltholactone

CAS Registry Number: 124868-11-7

Molecular Formula: $C_{13}H_{12}O_4$

Molecular Weight: 232.235

Accurate Mass: 232.07356

Percentage Composition: C 67.23%; H 5.21%; O 27.56%

Biological Source: Constit. of *Goniothalamus* spp.

Physical Description: Cryst. (EtOH)

Melting Point: Mp 103.5-104.5°

Optical Rotation: $[\alpha]_D^{20} +32$ (c, 0.013 in EtOH)

>> **Derivative:** 7a-Epimer, 6,7-dihydro, 7 β -hydroxy

Synonym(s): Arvensin

CAS Registry Number: 238089-00-4

Molecular Formula: $C_{13}H_{14}O_5$

Molecular Weight: 250.251

Accurate Mass: 250.084125

Percentage Composition: C 62.39%; H 5.64%; O 31.97%

Biological Source: Constit. of *Goniothalamus arvensis*

References: