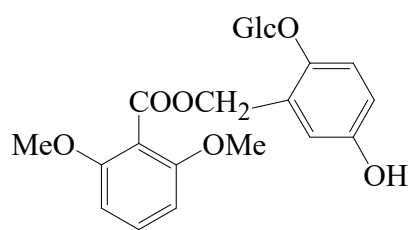




>>Entry Name: Curculigoside



CAS Registry Number: 85643-19-2

Molecular Formula: C₂₂H₂₆O₁₁

Molecular Weight: 466.441

Accurate Mass: 466.147515

Percentage Composition: C 56.65%; H 5.62%; O 37.73%

Biological Source: Constit. of the rhizomes of *Curculigo orchioides*

Biological Use/Importance: Immune adjuvant

Physical Description: Cryst. (H₂O)

Melting Point: Mp 158-159°

Optical Rotation: [α]_D -28.7 (c, 1 in MeOH)

Solubility: BERDY SOL: Sol. MeOH, EtOAc; fairly sol. H₂O

UV: [neutral] $\lambda_{\max}$ 282 (log ϵ 3.65) (MeOH)

>>Derivative: O-De-Me

Synonym(s): Curculigoside B

CAS Registry Number: 143601-09-6

Molecular Formula: C₂₁H₂₄O₁₁

Molecular Weight: 452.414

Accurate Mass: 452.131865

Percentage Composition: C 55.75%; H 5.35%; O 38.90%

Biological Source: Constit. of the rhizomes of *Curculigo orchioides*

Physical Description: Cryst.

Melting Point: Mp 219-222°

References:

Kubo, M. *et al.*, *Planta Med.*, 1983, **47**, 52-55, (*Curculigoside*)

Xu, J.P. *et al.*, *Yaoxue Xuebao*, 1992, **27**, 353-357, (*Curculigoside B*)