



Molecular Weight: 276.288
Accurate Mass: 276.099775
Percentage Composition: C 65.21%; H 5.84%; O 28.95%
Biological Source: Constit. of *Blainvillea dichotoma*

>>Derivative: 2-Methyl-2-propenoyl
Synonym(s): Deoxyelephantopin

CAS Registry Number: 29307-03-7

Biological Source: Constit. of *Elephantopus scaber* and *Elephantopus carolinianus*
Use/Importance: Antitumour principle
Physical Description: Cryst.
Melting Point: Mp 198-200°
Optical Rotation: $[\alpha]_D -54.6$
UV: [neutral] $\lambda_{\max}$ 207 () (MeOH) [neutral] $\lambda_{\max}$ (EtOH) (Berdy)

>>Derivative: 2-Methylbutanoyl

CAS Registry Number: 79383-93-0

Molecular Formula: C₂₀H₂₄O₆
Molecular Weight: 360.406
Accurate Mass: 360.15729
Percentage Composition: C 66.65%; H 6.71%; O 26.64%
Biological Source: Constit. of *Blainvillea dichotoma*

>>Derivative: 3-Methyl-2-butenoyl

CAS Registry Number: 79383-92-9

Molecular Formula: C₂₀H₂₂O₆
Molecular Weight: 358.39
Accurate Mass: 358.14164
Percentage Composition: C 67.03%; H 6.19%; O 26.79%
Biological Source: Constit. of *Blainvillea dichotoma*

>>Derivative: Angeloyl

Molecular Formula: C₂₀H₂₂O₆
Molecular Weight: 358.39
Accurate Mass: 358.14164
Percentage Composition: C 67.03%; H 6.19%; O 26.79%
Biological Source: Constit. of *Blainvillea dichotoma*

>>Derivative: 11ξ,13-Dihydro, 8-(2-methylpropenoyl)
Synonym(s): 11,13-Dihydrodeoxyelephantopin

CAS Registry Number: 29307-04-8

Molecular Formula: C₁₉H₂₂O₆
Molecular Weight: 346.379
Accurate Mass: 346.14164
Percentage Composition: C 65.88%; H 6.40%; O 27.71%
Biological Source: Constit. of *Elephantopus scaber*
Physical Description: Cryst. (CHCl₃/petrol)
Melting Point: Mp 234°
Solubility: BERDY SOL: Sol. MeOH, CHCl₃; poorly sol. H₂O, hexane
UV: [neutral] $\lambda_{\max}$ 217 (ε 1500) (MeOH) (Berdy)