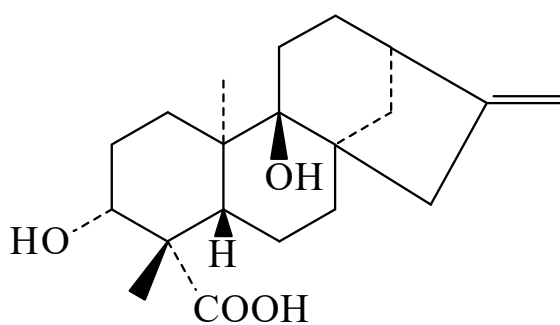




>>Entry Name: 3,9-Dihydroxy-16-kauren-19-oic acid



Related CAS Registry Numbers(s): 79406-12-5 79406-14-7

Molecular Formula: C₂₀H₃₀O₄

Molecular Weight: 334.455

Accurate Mass: 334.21441

Percentage Composition: C 71.82%; H 9.04%; O 19.13%

>>Variant: (*ent*-3 β)-form

Molecular Formula: C₂₀H₃₀O₄

Molecular Weight: 334.455

Accurate Mass: 334.21441

Percentage Composition: C 71.82%; H 9.04%; O 19.13%

>>Derivative: 3-Angeloyl

CAS Registry Number: 79406-11-4

Molecular Formula: C₂₅H₃₆O₅

Molecular Weight: 416.556

Accurate Mass: 416.256275

Percentage Composition: C 72.09%; H 8.71%; O 19.20%

Biological Source: Isol. from *Wedelia trilobata*

Physical Description: Cryst. (Et₂O) (as Me ester)

Melting Point: Mp 165-166° (Me ester)

Optical Rotation: [α]_D²⁴ -51.3 (c, 0.71 in CHCl₃) (Me ester)

>>Derivative: 3-Cinnamoyl

CAS Registry Number: 79406-13-6

Molecular Formula: C₂₉H₃₆O₅

Molecular Weight: 464.6

Accurate Mass: 464.256275

Percentage Composition: C 74.97%; H 7.81%; O 17.22%

Biological Source: Isol. from *Wedelia trilobata*

Physical Description: Cryst. (Et₂O) (as Me ester)

Melting Point: Mp 195-196° (Me ester)

Optical Rotation: [α]_D²⁴ -30.5 (c, 0.5 in CHCl₃) (Me ester)

References:

Bohlmann, F. *et al.*, *Phytochemistry*, 1981, **20**, 751