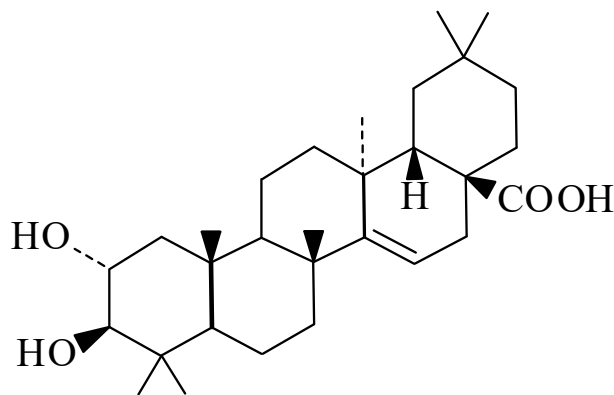




>>Entry Name: **2,3-Dihydroxy-14-taraxeren-28-oic acid**

Synonym(s): 2,3-Dihydroxy-D-friedoolean-14-en-28-oic acid, 9CI



Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

>>Variant: (2 α ,3 β)-form

Synonym(s): **Sebiferenic acid**. 2 α -Hydroxymaprounic acid. 2 α -Hydroxyaleuritolic acid

CAS Registry Number: 94390-09-7

Type of Compound Code(s): VS8350 XA6250

Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: Constit. of *Sapium sebiferum* and *Maprounea africana*

Use/Importance: Inhibits HIV-1 reverse transcriptase

Physical Description: Cryst.

Melting Point: Mp 297-299°. Mp 325 dec.°

Optical Rotation: [α]_D +25 (c, 0.18 in Py). [α]_D +32 (CHCl₃)

>>Derivative: 2-(4-Hydroxybenzoyl)

Type of Compound Code(s): VS8350

Molecular Formula: C₃₇H₅₂O₆

Molecular Weight: 592.814

Accurate Mass: 592.37639

Percentage Composition: C 74.97%; H 8.84%; O 16.19%

Biological Source: Constit. of *Maprounea africana* and *Maprounea membranacea*

UV: [neutral] $\lambda_{\max}$ 259 (ϵ 17800) (MeOH) (Berdy)

>>Derivative: 3-(4-Hydroxybenzoyl)

Type of Compound Code(s): VS8350

Molecular Formula: C₃₇H₅₂O₆

Molecular Weight: 592.814

Accurate Mass: 592.37639

Percentage Composition: C 74.97%; H 8.84%; O 16.19%

Biological Source: Constit. of *Maprounea africana*

Physical Description: Amorph. solid

Melting Point: Mp 280-281°

Optical Rotation: [α]_D -20 (c, 0.2 in Py)

UV: [neutral] $\lambda_{\max}$ 259 (ϵ 2940) (MeOH) (Berdy)