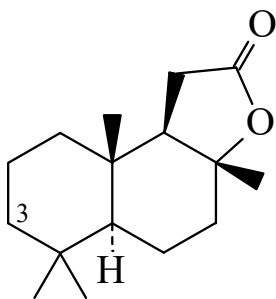




>>Entry Name: 13,14,15,16-Tetranor-12,8-labdanolide
ENTRY UNDER REVIEW



CAS Registry Number: 1216-84-8

Molecular Formula: $C_{16}H_{26}O_2$

Molecular Weight: 250.38

Accurate Mass: 250.19328

Percentage Composition: C 76.75%; H 10.47%; O 12.78%

>>Variant: 8 α -form

Synonym(s): Norambreinolide. Sclareolide

CAS Registry Number: 564-20-5

Molecular Formula: $C_{16}H_{26}O_2$

Molecular Weight: 250.38

Accurate Mass: 250.19328

Percentage Composition: C 76.75%; H 10.47%; O 12.78%

Biological Source: Degradn. prod. of Ambrein [KJS28-O](#), etc. Found in tobacco and *Kyllinga erecta*

Physical Description: Cryst. (petrol or MeOH aq.)

Melting Point: Mp 122-125°

Optical Rotation: $[\alpha]_D +42$ (c, 0.25 in $CHCl_3$)

Aldrich: 35800-2

>>Derivative: 3 α -Hydroxy

Synonym(s): 3 α -Hydroxy-13,14,15,16-tetranor-12,8-labdanolide. 3 α -Hydroxynorambreinolide

CAS Registry Number: 123844-63-3

Molecular Formula: $C_{16}H_{26}O_3$

Molecular Weight: 266.38

Accurate Mass: 266.188195

Percentage Composition: C 72.14%; H 9.84%; O 18.02%

Biological Source: Constit. of *Salvia aethiopsis*

Physical Description: Cryst. (Et_2O /hexane)

Melting Point: Mp 190-191°

Optical Rotation: $[\alpha]_D +22.2$ (c, 1.08 in $CHCl_3$)

>>Derivative: 6 α -Hydroxy

Synonym(s): 6 α -Hydroxy-13,14,15,16-tetranor-12,8-labdanolide. 6 α -Hydroxynorambreinolide

Molecular Formula: $C_{16}H_{26}O_3$

Molecular Weight: 266.38

Accurate Mass: 266.188195

Percentage Composition: C 72.14%; H 9.84%; O 18.02%

Biological Source: Constit. of *Salvia yosgadensis*

Optical Rotation: $[\alpha]_D +61$ (c, 0.35 in $CHCl_3$)