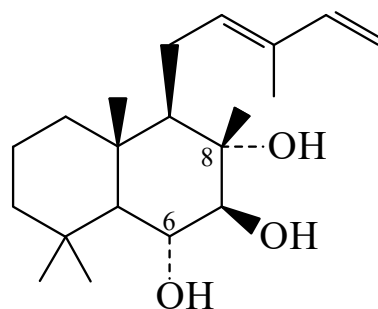




>>Entry Name: 12,14-Labdadiene-6,7,8-triol



(6 α ,7 b ,8 a ,12 E)-form

Molecular Formula: C₂₀H₃₄O₃

Molecular Weight: 322.487

Accurate Mass: 322.250795

Percentage Composition: C 74.49%; H 10.63%; O 14.88%

>>Variant: (6 α ,7 β ,8 α ,12 E)-form

Synonym(s): 6 α -Hydroxynidorellol

CAS Registry Number: 70387-38-1

Molecular Formula: C₂₀H₃₄O₃

Molecular Weight: 322.487

Accurate Mass: 322.250795

Percentage Composition: C 74.49%; H 10.63%; O 14.88%

Biological Source: Constit. of *Nidorella* spp.

Physical Description: Oil

>>Derivative: 6-Angeloyl

Synonym(s): 6 α -Angeloyloxynidorellol

Molecular Formula: C₂₅H₄₀O₄

Molecular Weight: 404.589

Accurate Mass: 404.29266

Percentage Composition: C 74.22%; H 9.96%; O 15.82%

Biological Source: Constit. of *Stevia monardaefolia*

Physical Description: Cryst.

Melting Point: Mp 114-115°

Optical Rotation: [α]_D -34.8 (CHCl₃)

>>Variant: (6 α ,7 β ,8 β ,12 Z)-form

Synonym(s): Austroinulin

CAS Registry Number: 62868-75-1

Molecular Formula: C₂₀H₃₄O₃

Molecular Weight: 322.487

Accurate Mass: 322.250795

Percentage Composition: C 74.49%; H 10.63%; O 14.88%

Biological Source: Isol. from *Austroeupatorium inulaefolium* and *Stevia rebaudiana*

Physical Description: Needles (MeOH)

Melting Point: Mp 74-77°

Optical Rotation: [α]_D²⁵+33.6 (c, 0.48 in CHCl₃). [α]_D¹⁴+24 (c, 0.50 in CHCl₃)

>>Derivative: 6-Ac

Synonym(s): 6 α -Acetoxy-12,14-labdadiene-7 β ,8 β -diol

CAS Registry Number: 75207-46-4

Molecular Formula: C₂₂H₃₆O₄

Molecular Weight: 364.524

Accurate Mass: 364.26136

Percentage Composition: C 72.49%; H 9.95%; O 17.56%

Biological Source: Isol. from *Stevia rebaudiana*

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 173-174°

Optical Rotation: [α]_D²⁵+36.8 (c, 0.46 in CHCl₃)