



CAS Registry Number: 54443-80-0

Molecular Formula: C₂₀H₂₈O₄

Molecular Weight: 332.439

Accurate Mass: 332.19876

Percentage Composition: C 72.26%; H 8.49%; O 19.25%

Biological Source: Occurs as esters in *Euphorbia* spp.

Physical Description: Cryst. (as di-Ac)

Melting Point: Mp 205-207° (di-Ac)

>> **Derivative:** 5-Deoxy, 3-angeloyl, 20-Ac

CAS Registry Number: 192825-64-2

Molecular Formula: C₂₇H₃₆O₆

Molecular Weight: 456.578

Accurate Mass: 456.25119

Percentage Composition: C 71.03%; H 7.95%; O 21.03%

Biological Source: Constit. of *Euphorbia canariensis*

Physical Description: Oil

Optical Rotation: [α]_D +1.5 (c, 0.5 in CHCl₃)

>> **Derivative:** 20-Deoxy

Synonym(s): 20-Deoxyingenol

CAS Registry Number: 54706-99-9

Molecular Formula: C₂₀H₂₈O₄

Molecular Weight: 332.439

Accurate Mass: 332.19876

Percentage Composition: C 72.26%; H 8.49%; O 19.25%

Biological Source: Occurs as esters in *Euphorbia kansui* and *Euphorbia paralias*

Physical Description: Cryst.

Melting Point: Mp 201-203°

>> **Derivative:** 20-Deoxy, 3-angeloyl

Synonym(s): 3-Angeloyl-20-deoxyingenol. Euphorbia factor H₈. Euphorbia factor Pe₂

CAS Registry Number: 75567-38-3

Molecular Formula: C₂₅H₃₄O₅

Molecular Weight: 414.541

Accurate Mass: 414.240625

Percentage Composition: C 72.44%; H 8.27%; O 19.30%

Biological Source: Constit. of *Euphorbia paralias* and other *Euphorbia* spp.

Solubility: BERDY SOL: Sol. Et₂O

>> **Derivative:** 20-Deoxy, 5-angeloyl

Synonym(s): 5-Angeloyl-20-deoxyingenol. Euphorbia factor H₄

CAS Registry Number: 91413-73-9

Molecular Formula: C₂₅H₃₄O₅

Molecular Weight: 414.541

Accurate Mass: 414.240625

Percentage Composition: C 72.44%; H 8.27%; O 19.30%

Biological Source: Constit. of *Euphorbia* spp.

>> **Derivative:** 20-Deoxy, 3-hexanoyl

CAS Registry Number: 75567-39-4

Molecular Formula: C₂₆H₃₈O₅

Molecular Weight: 430.583

Accurate Mass: 430.271925

Percentage Composition: C 72.53%; H 8.89%; O 18.58%

Biological Source: Constit. of *Euphorbia paralias*

Hazard & Toxicity: Irritant