



>>Derivative: 12-(2,4-Undecadienoyl), 13-Ac

CAS Registry Number: 85527-86-2

**Molecular Formula:** C<sub>33</sub>H<sub>46</sub>O<sub>8</sub>

**Molecular Weight:** 570.722

**Accurate Mass:** 570.31927

**Percentage Composition:** C 69.45%; H 8.12%; O 22.43%

**Biological Source:** Constit. of *Ostodes paniculata*

**Physical Description:** Resin

**Optical Rotation:**  $[\alpha]_D^{25} -16$  (c, 0.5 in CHCl<sub>3</sub>)

**Solubility:** BERDY SOL: Sol. MeOH, CHCl<sub>3</sub>; poorly sol. H<sub>2</sub>O

**UV:** [neutral]  $\lambda_{\max}$  230 ( $\epsilon$  16400) (MeOH) (Berdy)

>>Derivative: 12-Dodecanoyl, 13-Ac

**Synonym(s):** Cocarcinogen A3

CAS Registry Number: 20839-16-1

**Molecular Formula:** C<sub>34</sub>H<sub>52</sub>O<sub>8</sub>

**Molecular Weight:** 588.78

**Accurate Mass:** 588.36622

**Percentage Composition:** C 69.36%; H 8.90%; O 21.74%

**Biological Source:** Constit. of croton oil

**Physical Description:** Oil

**Hazard & Toxicity:** Tumour promoter

>>Derivative: 13-Dodecanoyl, 12-(2S-methylbutanoyl)

**Synonym(s):** Cocarcinogen B1

CAS Registry Number: 63040-44-8

**Molecular Formula:** C<sub>37</sub>H<sub>58</sub>O<sub>8</sub>

**Molecular Weight:** 630.86

**Accurate Mass:** 630.41317

**Percentage Composition:** C 70.44%; H 9.27%; O 20.29%

**Biological Source:** Constit. of croton oil

**Physical Description:** Oil

**Optical Rotation:**  $[\alpha]_D^{26} +54$  (c, 1.8 in CHCl<sub>3</sub>)

**Hazard & Toxicity:** Tumour promoter

>>Derivative: 13-Dodecanoyl, 12-Ac

**Synonym(s):** Cocarcinogen B4

CAS Registry Number: 20839-10-5

**Molecular Formula:** C<sub>34</sub>H<sub>52</sub>O<sub>8</sub>

**Molecular Weight:** 588.78

**Accurate Mass:** 588.36622

**Percentage Composition:** C 69.36%; H 8.90%; O 21.74%

**Biological Source:** Constit. of croton oil

**Physical Description:** Oil

**Hazard & Toxicity:** Tumour promoter

>>Derivative: 12-Tetradecanoyl, 13-Ac

**Synonym(s):** Cocarcinogen A1. Cocarcinogen C3. PMA. TPA

CAS Registry Number: 16561-29-8

**Molecular Formula:** C<sub>36</sub>H<sub>56</sub>O<sub>8</sub>

**Molecular Weight:** 616.834

**Accurate Mass:** 616.39752

**Percentage Composition:** C 70.10%; H 9.15%; O 20.75%

**Biological Source:** Constit. of croton oil

**Physical Description:** Oil