



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

CAS Registry Number: 85527-86-2

Molecular Formula: C₃₃H₄₆O₈

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 CHCl₃)

Solubility: BERDY SOL: Sol. MeOH, CHCl₃; poorly sol. H₂O

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

>>Derivative: 12-Dodecanoyl, 13-Ac

Synonym(s): Cocarcinogen A3

CAS Registry Number: 20839-16-1

Molecular Formula: C₃₄H₅₂O₈

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: C₃₇H₅₈O₈

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 CHCl₃)

Hazard & Toxicity: Tumour promoter

>>Derivative: 13-Dodecanoyl, 12-Ac

Synonym(s): Cocarcinogen B4

CAS Registry Number: 20839-10-5

Molecular Formula: C₃₄H₅₂O₈

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: C₃₆H₅₆O₈

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