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**Certificate of Analysis**

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Product Name: 12-O-Tiglylphorbol-13 -isobutyrate  
Cat. No.: GN10628  
Batch No.: 1  
Chemical Name: (E)-(1aR,1bS,4aR,7bS,8R,9R,9aS)-4a,7b-dihydroxy-3-(hydroxymethyl)-9a-(isobutyryloxy)-1,1,6,8-tetramethyl-5-oxo-1a,1b,4,4a,5,7a,7b,8,9,9a-decahydro-1H-cyclopropa[3,4]benzo[1,2-e]azulen-9-yl 2-methylbut-2-enoate

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 92214-54-5  
Molecular Formula:  $C_{29}H_{40}O_8$   
Molecular Weight: 516.62  
Storage:  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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