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**Certificate of Analysis**

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Product Name: Penigequinolone A  
Cat. No.: GC19002  
Batch No.: 1  
Chemical Name: (3R,4R)-3,4-dihydro-4,5-dihydroxy-3-methoxy-4-(4-methoxyphenyl)-6-[(1E)-2-[(2S)-tetrahydro-2,5,5-trimethyl-2H-pyran-2-yl]ethenyl]-2(1H)-quinolinone

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 180045-91-4  
Molecular Formula:  $C_{27}H_{33}NO_6$   
Molecular Weight: 467.6  
Storage: Store at -20°C  
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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