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**Certificate of Analysis**

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Product Name: 16,16-dimethyl Prostaglandin E1  
Cat. No.: GC18777  
Batch No.: 1  
Chemical Name: 9-oxo-11 $\alpha$ ,15R-dihydroxy-16,16-dimethyl-prost-13E-en-1-oic acid

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 41692-15-3  
Molecular Formula: C<sub>22</sub>H<sub>38</sub>O<sub>5</sub>  
Molecular Weight: 382.5  
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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