

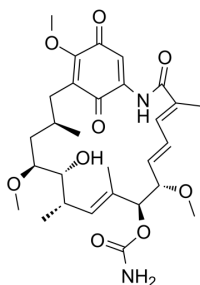
## Certificate of Analysis

**Product Name:** Geldanamycin  
**Cat. No.:** HY-15230  
**CAS No.:** 30562-34-6  
**Batch No.:** 22291  
**Chemical Name:** 2-Azabicyclo[16.3.1]docosa-4,6,10,18,21-pentaene-3,20,22-trione, 9,13-dihydroxy-8,14,19-trimethoxy-4,10,12,16-tetramethyl-, 9-carbamate (8CI)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>29</sub>H<sub>40</sub>N<sub>2</sub>O<sub>9</sub>  
**Molecular Weight:** 560.64  
**Storage:**  
Powder      -20°C      3 years  
                  4°C        2 years  
In solvent   -80°C      6 months  
                  -20°C      1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Light yellow to orange (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 99.78%  
**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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