# Certificate of Analysis

## Ixabepilone

**Cat. No.:** HY-10222

**CAS No.:** 219989-84-1

**Batch No.:** 13284

**Chemical Name:** 17-Oxa-4-azabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-8,8,10,12,16-pentamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (1S,3S,7S,10R,11S,12S,16R)-

### PHYSICAL AND CHEMICAL PROPERTIES

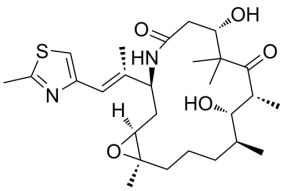
**Molecular Formula:** $C_{27}H_{42}N_2O_5S$

**Molecular Weight:** **506.70**

**Storage:** 4°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:**




### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)

**$^1$H NMR Spectrum:** Consistent with structure

**Purity (NMR):** **≥95.0%**

**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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