

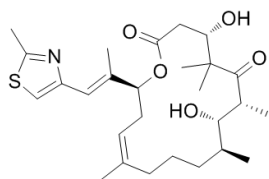
## Certificate of Analysis

**Product Name:** Epothilone D  
**Cat. No.:** HY-15278  
**CAS No.:** 189453-10-9  
**Batch No.:** 15209  
**Chemical Name:** Oxacyclohexadec-13-ene-2,6-dione,  
4,8-dihydroxy-5,5,7,9,13-pentamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-,  
(4S,7R,8S,9S,13Z,16S)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>27</sub>H<sub>41</sub>NO<sub>5</sub>S  
**Molecular Weight:** 491.68  
**Storage:** Powder      -20°C      3 years  
In solvent      -80°C      6 months  
                         -20°C      1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 99.67%  
**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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