Certificate of Analysis

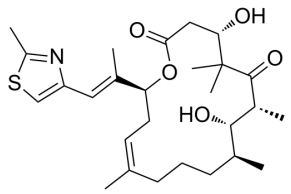
Epothilone D

Cat. No.:	HY-15278
CAS No.:	189453-10-9
Batch No.:	29502
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:	$C_{27}H_{41}NO_5S$		
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 light yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**99.93%**
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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