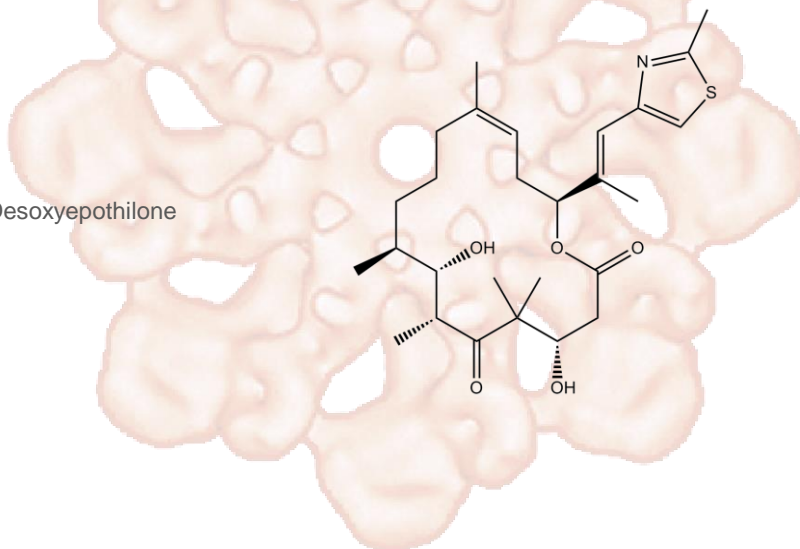


# Product Data Sheet

## Epothilone D

<b>Cat. No.:</b>	A3394
<b>CAS No.:</b>	189453-10-9
<b>Formula:</b>	C <sub>27</sub> H <sub>41</sub> NO <sub>5</sub> S
<b>M.Wt:</b>	491.68
<b>Synonyms:</b>	12,13-Desoxyepothilone B; Desoxyepothilone B; KOS 862
<b>Target:</b>	Microbiology & Virology
<b>Pathway:</b>	Antibiotic
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

Soluble in DMSO

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
	1 mM		2.0338 mL	10.1692 mL	20.3384 mL
	5 mM		0.4068 mL	2.0338 mL	4.0677 mL
	10 mM		0.2034 mL	1.0169 mL	2.0338 mL

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary

Natural polyketide compound

 IC<sub>50</sub> & Target

1.8 μM(EC0.01) (Tubulin)

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APExBIO Technology**

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