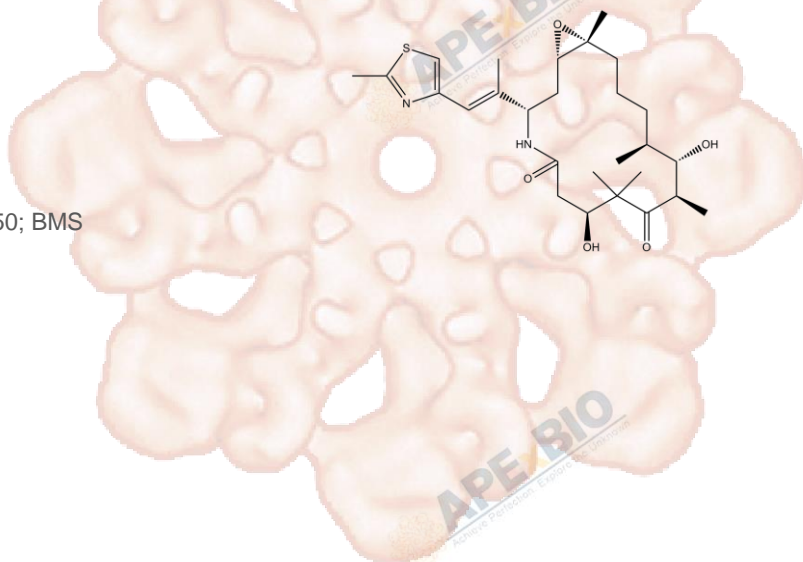


# Product Data Sheet

## Ixabepilone

<b>Cat. No.:</b>	A3513
<b>CAS No.:</b>	219989-84-1
<b>Formula:</b>	C <sub>27</sub> H <sub>42</sub> N <sub>2</sub> O <sub>5</sub> S
<b>M.Wt:</b>	506.7
<b>Synonyms:</b>	Azaepothilone B; BMS 247550; BMS 247550-1; Ixempra
<b>Target:</b>	Tyrosine Kinase
<b>Pathway:</b>	EGFR
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥22.25 mg/mL in DMSO; insoluble in H<sub>2</sub>O; ≥41.3 mg/mL in EtOH with gentle warming

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		1.9736 mL	9.8678 mL	19.7355 mL
	5 mM		0.3947 mL	1.9736 mL	3.9471 mL
	10 mM		0.1974 mL	0.9868 mL	1.9736 mL

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

### Biological Activity

Shortsummary

Epothilone B analog; microtubule-stabilizing agent

IC<sub>50</sub> & Target

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. Short-term 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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