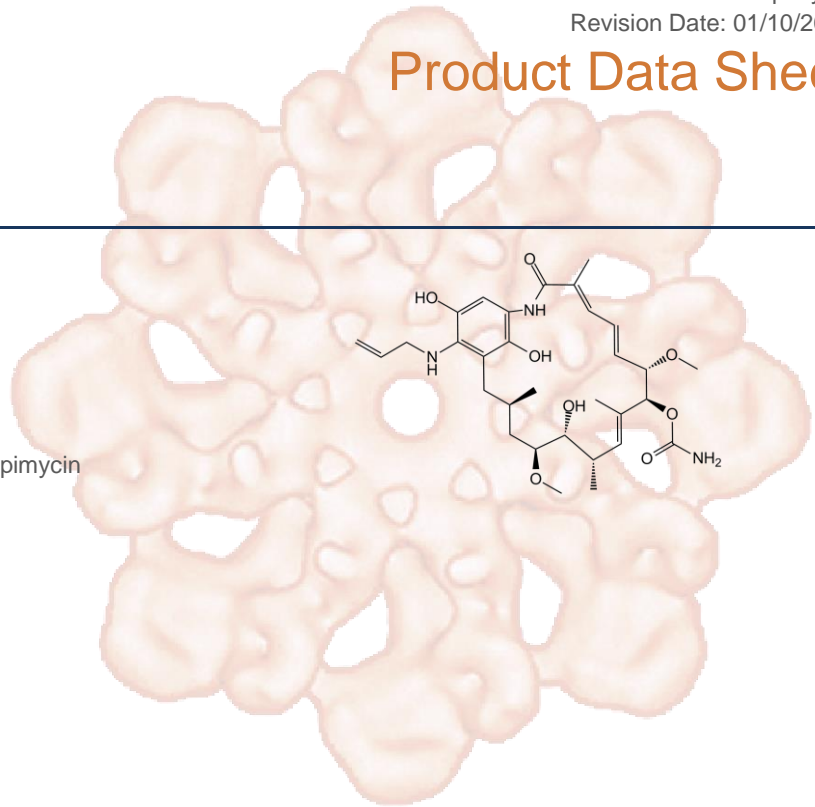


# Product Data Sheet

## Retaspimycin

<b>Cat. No.:</b>	A3756
<b>CAS No.:</b>	857402-23-4
<b>Formula:</b>	C <sub>31</sub> H <sub>45</sub> N <sub>3</sub> O <sub>8</sub>
<b>M.Wt:</b>	587.7
<b>Synonyms:</b>	IPI-504;IPI504;IPI 504,Retaspimycin
<b>Target:</b>	Proteases
<b>Pathway:</b>	HSP
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

Soluble in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	<b>1 mM</b>		1.7015 mL	8.5077 mL	17.0155 mL
	<b>5 mM</b>		0.3403 mL	1.7015 mL	3.4031 mL
	<b>10 mM</b>		0.1702 mL	0.8508 mL	1.7015 mL

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

### Biological Activity

Shortsummary	HSP90 inhibitor,antiproliferative and antineoplastic
IC <sub>50</sub> & Target	
In Vitro	<b>Cell Viability Assay</b>
	Preparation method:
In Vivo	<b>Animal experiment</b>
	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 APEX BIO 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.*

**APEX BIO Technology**

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