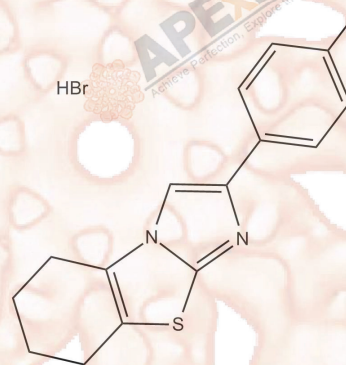


# Product Data Sheet

## Cyclic Pifithrin- $\alpha$ hydrobromide

<b>Cat. No.:</b>	A4477
<b>CAS No.:</b>	511296-88-1
<b>Formula:</b>	C <sub>16</sub> H <sub>16</sub> N <sub>2</sub> S·HBr
<b>M.Wt:</b>	349.29
<b>Synonyms:</b>	Pifithrin- $\beta$
<b>Target:</b>	Apoptosis
<b>Pathway:</b>	p53
<b>Storage:</b>	Desiccate at RT



### Solvent & Solubility

$\geq 25$ mg/mL in DMSO with gentle warming,  $\geq 4.42$  mg/mL in EtOH with ultrasonic, insoluble in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
		Concentration			
	1 mM		2.8630 mL	14.3148 mL	28.6295 mL
	5 mM		0.5726 mL	2.8630 mL	5.7259 mL
	10 mM		0.2863 mL	1.4315 mL	2.8630 mL

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

### Biological Activity

Shortsummary

P53 inhibitor

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. 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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