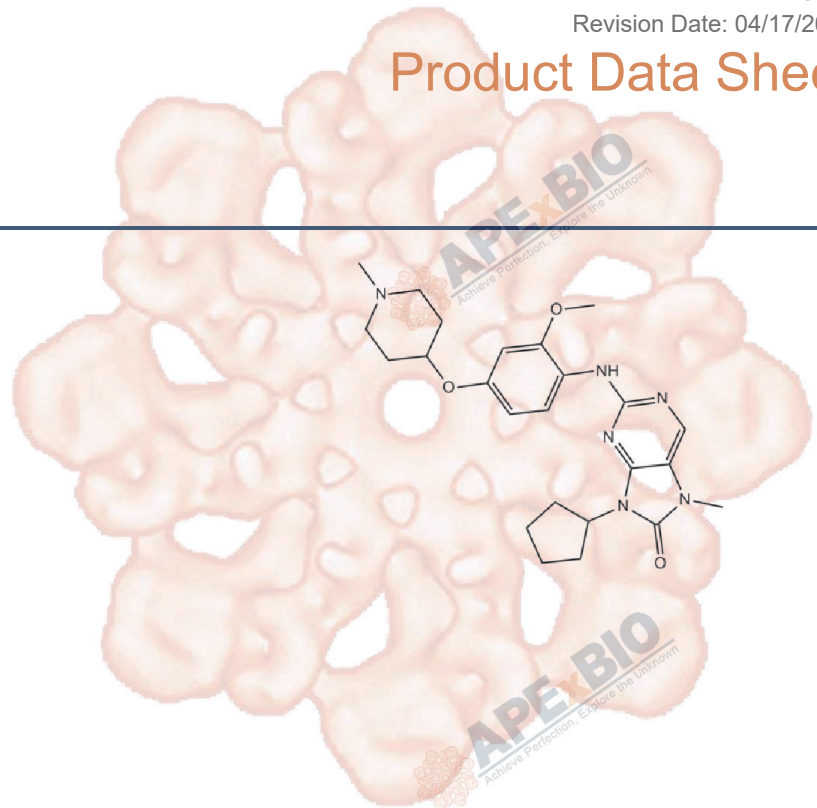


# Product Data Sheet

## AZ3146

<b>Cat. No.:</b>	A8372
<b>CAS No.:</b>	1124329-14-1
<b>Formula:</b>	C <sub>24</sub> H <sub>32</sub> N <sub>6</sub> O <sub>3</sub>
<b>M.Wt:</b>	452.55
<b>Synonyms:</b>	AZ 3146; AZ-3146
<b>Target:</b>	Cell Cycle/Checkpoint
<b>Pathway:</b>	Mps1
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥15.3 mg/mL in EtOH; ≥9.64 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	2.2097 mL	11.0485 mL	22.0970 mL
	<b>5 mM</b>	0.4419 mL	2.2097 mL	4.4194 mL
	<b>10 mM</b>	0.2210 mL	1.1049 mL	2.2097 mL

Please refer to the solubility information to select the appropriate solvent

### Biological Activity

**Shortsummary** Mps1 inhibitor, potent and selective

**IC<sub>50</sub> & Target** ~35 nM (Mps1)

**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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