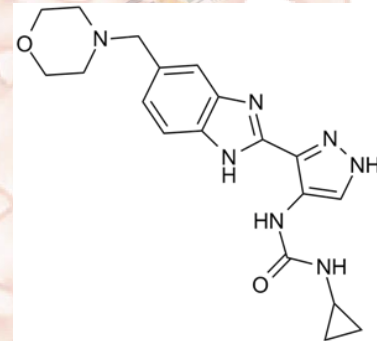


# Product Data Sheet

## AT9283

<b>Cat. No.:</b>	A4117
<b>CAS No.:</b>	896466-04-9
<b>Formula:</b>	C19H23N7O2
<b>M.Wt:</b>	381.43
<b>Synonyms:</b>	
<b>Target:</b>	Chromatin/Epigenetics
<b>Pathway:</b>	Aurora Kinase
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

insoluble in H<sub>2</sub>O;  $\geq 19.05$  mg/mL in DMSO;  $\geq 47.6$  mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	2.6217 mL	13.1086 mL	26.2171 mL
	<b>5 mM</b>	0.5243 mL	2.6217 mL	5.2434 mL
	<b>10 mM</b>	0.2622 mL	1.3109 mL	2.6217 mL

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

## Biological Activity

Shortsummary	Aurora kinase/JAK inhibitor	
IC <sub>50</sub> & Target	3 nM (Aurora A), 3 nM (Aurora B), 1.1 nM (JAK3), 1.2 nM (JAK2), 4 nM (c-Abl)	
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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