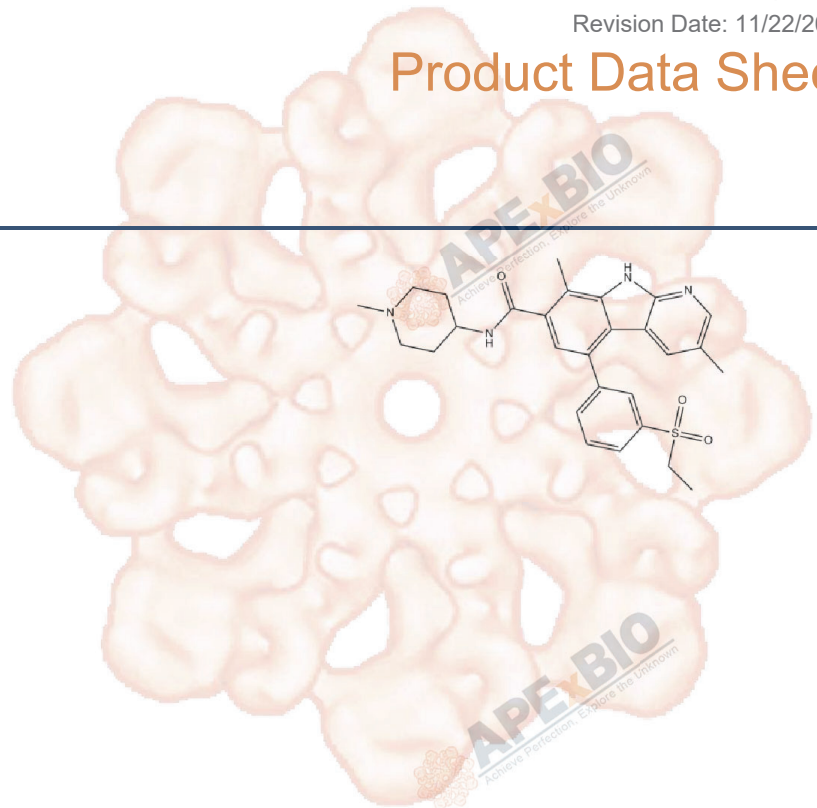


# Product Data Sheet

## TAK-901

<b>Cat. No.:</b>	A4124
<b>CAS No.:</b>	934541-31-8
<b>Formula:</b>	C <sub>28</sub> H <sub>32</sub> N <sub>4</sub> O <sub>3</sub> S
<b>M.Wt:</b>	504.64
<b>Synonyms:</b>	
<b>Target:</b>	Chromatin/Epigenetics
<b>Pathway:</b>	Aurora Kinase
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥25.25 mg/mL in DMSO; insoluble in H<sub>2</sub>O; insoluble in EtOH

	Solvent	Mass			
		1mg	5mg	10mg	
In Vitro	Preparing Stock Solutions				
		Concentration			
		1 mM	1.9816 mL	9.9081 mL	19.8161 mL
		5 mM	0.3963 mL	1.9816 mL	3.9632 mL
	10 mM	0.1982 mL	0.9908 mL	1.9816 mL	

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

### Biological Activity

Shortsummary	Novel Aurora A/B inhibitor	
IC <sub>50</sub> & Target	21 nM (Aurora A), 15 nM (Aurora B)	
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 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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