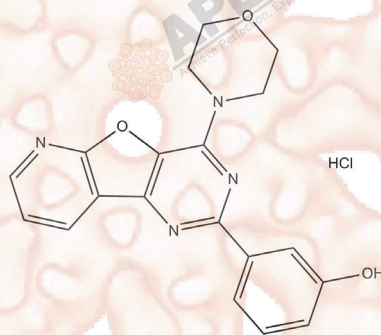


# Product Data Sheet

## PI-103 Hydrochloride

<b>Cat. No.:</b>	A3724
<b>CAS No.:</b>	371935-79-4
<b>Formula:</b>	C19H17ClN4O3
<b>M.Wt:</b>	384.82
<b>Synonyms:</b>	PI 103 hydrochloride;PI103 hydrochloride
<b>Target:</b>	PI3K/Akt/mTOR Signaling
<b>Pathway:</b>	PI3K
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥ 19.25 mg/mL in DMSO, insoluble in EtOH, insoluble in H<sub>2</sub>O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		<b>1 mM</b>	2.5986 mL	12.9931 mL	25.9862 mL
		<b>5 mM</b>	0.5197 mL	2.5986 mL	5.1972 mL
		<b>10 mM</b>	0.2599 mL	1.2993 mL	2.5986 mL

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

### Biological Activity

Shortsummary	DNA-PK/PI 3-kinase/mTOR inhibitor	
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 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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