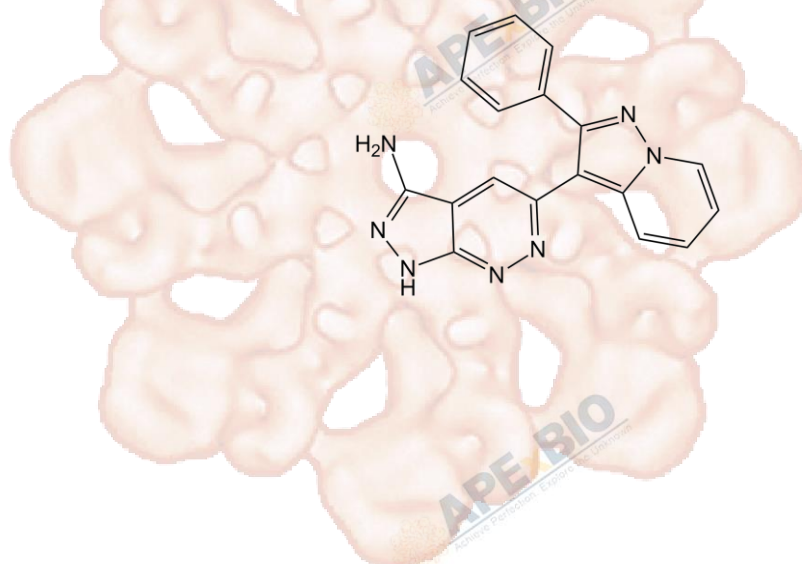


# Product Data Sheet

## FR 180204

<b>Cat. No.:</b>	A8304
<b>CAS No.:</b>	865362-74-9
<b>Formula:</b>	C18H13N7
<b>M.Wt:</b>	327.34
<b>Synonyms:</b>	
<b>Target:</b>	MAPK Signaling
<b>Pathway:</b>	ERK
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

insoluble in H<sub>2</sub>O;  $\geq 10.25$  mg/mL in DMSO;  $\geq 4.47$  mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	3.0549 mL	15.2746 mL	30.5493 mL
	<b>5 mM</b>	0.6110 mL	3.0549 mL	6.1099 mL
	<b>10 mM</b>	0.3055 mL	1.5275 mL	3.0549 mL

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

## Biological Activity

Shortsummary

ERK inhibitor

IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

1. White SM, Avantaggiati ML, et al. "YAP/TAZ Inhibition Induces Metabolic and Signaling Rewiring Resulting in Targetable Vulnerabilities in NF2-Deficient Tumor Cells." Dev Cell. 2019 May 6;49(3):425-443.e9.PMID:31063758

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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