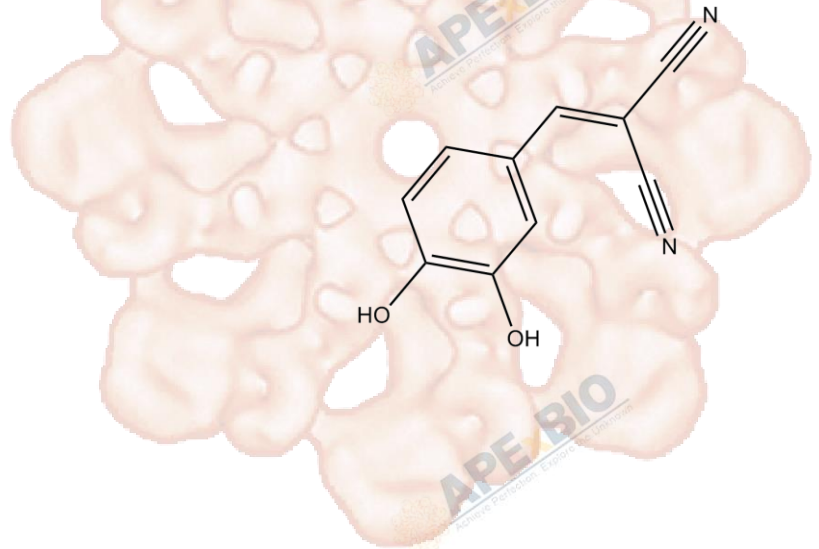


# Product Data Sheet

## AG-18

<b>Cat. No.:</b>	A1173
<b>CAS No.:</b>	118409-57-7
<b>Formula:</b>	C <sub>10</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>
<b>M.Wt:</b>	186.17
<b>Synonyms:</b>	
<b>Target:</b>	JAK/STAT Signaling
<b>Pathway:</b>	EGFR
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥15 mg/mL in EtOH; ≥9.3 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	5.3714 mL	26.8572 mL	53.7143 mL
	<b>5 mM</b>	1.0743 mL	5.3714 mL	10.7429 mL
	<b>10 mM</b>	0.5371 mL	2.6857 mL	5.3714 mL

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

### Biological Activity

Shortsummary

EGFR/PDGFR inhibitor

IC<sub>50</sub> & Target

35 μM (EGFR), 25 μM (PDGFR)

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 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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