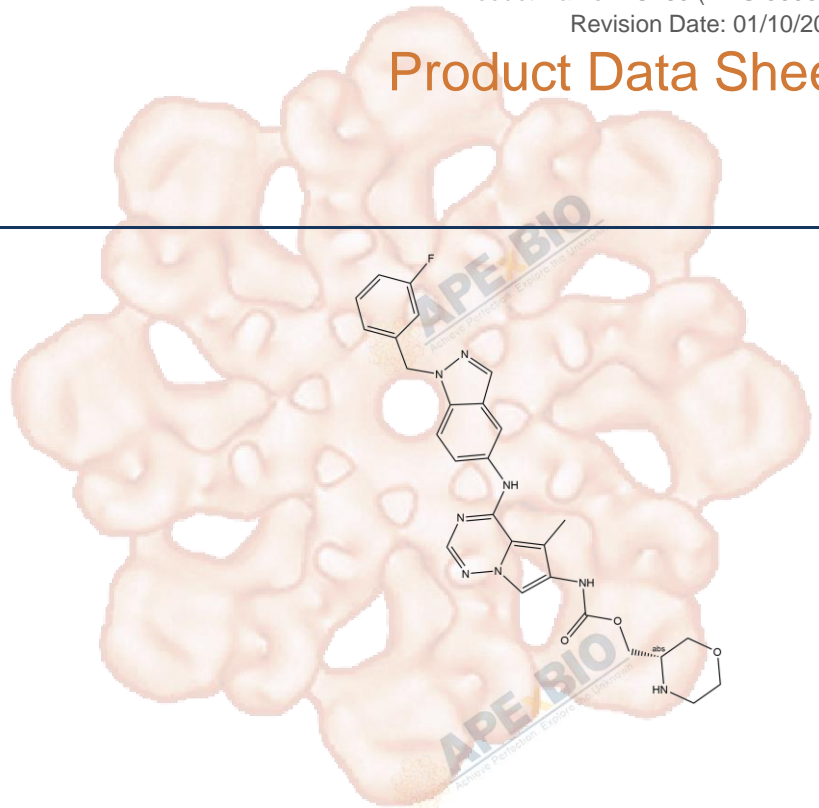


# Product Data Sheet

## AC480 (BMS-599626)

<b>Cat. No.:</b>	A2822
<b>CAS No.:</b>	714971-09-2
<b>Formula:</b>	C <sub>27</sub> H <sub>27</sub> FN <sub>8</sub> O <sub>3</sub>
<b>M.Wt:</b>	530.56
<b>Synonyms:</b>	
<b>Target:</b>	JAK/STAT Signaling
<b>Pathway:</b>	EGFR
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥28.35 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Mass			
	Solvent Concentration	1mg	5mg	10mg
	1 mM	1.8848 mL	9.4240 mL	18.8480 mL
	5 mM	0.3770 mL	1.8848 mL	3.7696 mL
	10 mM	0.1885 mL	0.9424 mL	1.8848 mL

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

### Biological Activity

Shortsummary

HER1/2 inhibitor,selective and efficacious

IC<sub>50</sub> & Target

20 nM (HER1), 30 nM (HER2)

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 APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term 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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