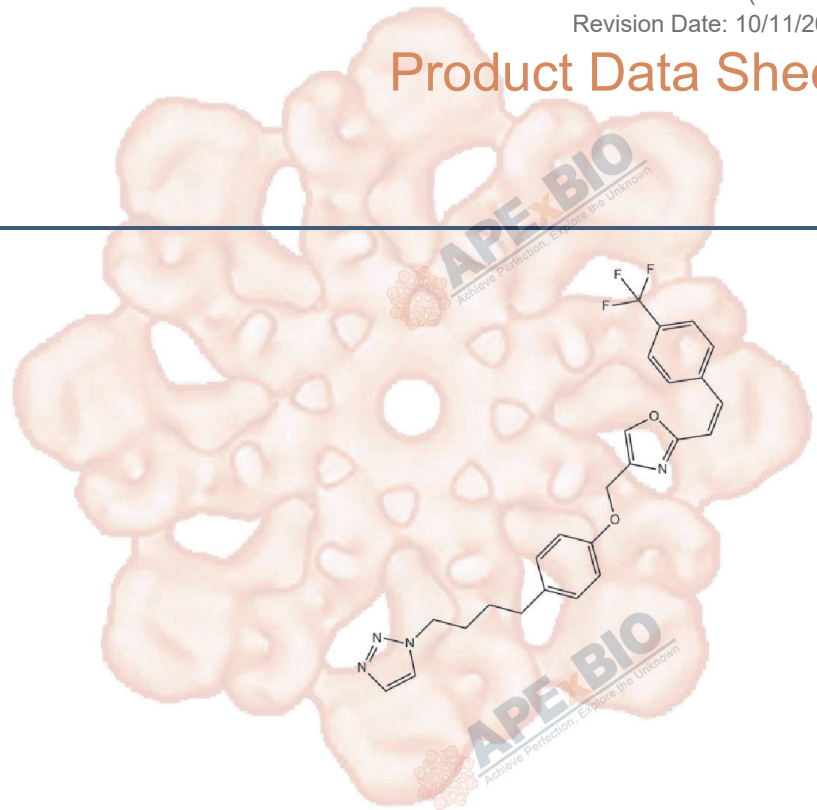


# Product Data Sheet

## Mubritinib (TAK 165)

<b>Cat. No.:</b>	B1543
<b>CAS No.:</b>	366017-09-6
<b>Formula:</b>	C <sub>25</sub> H <sub>23</sub> F <sub>3</sub> N <sub>4</sub> O <sub>2</sub>
<b>M.Wt:</b>	468.47
<b>Synonyms:</b>	
<b>Target:</b>	Tyrosine Kinase
<b>Pathway:</b>	HER2
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O;  $\geq 76.9$  mg/mL in DMSO with gentle warming;  $\geq 3.09$  mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
		<b>1 mM</b>	2.1346 mL	10.6730 mL	21.3461 mL
		<b>5 mM</b>	0.4269 mL	2.1346 mL	4.2692 mL
		<b>10 mM</b>	0.2135 mL	1.0673 mL	2.1346 mL

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

### Biological Activity

Shortsummary

Potent inhibitor of HER2/ErbB2

IC<sub>50</sub> & Target

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**

[www.apexbt.com](http://www.apexbt.com)

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

