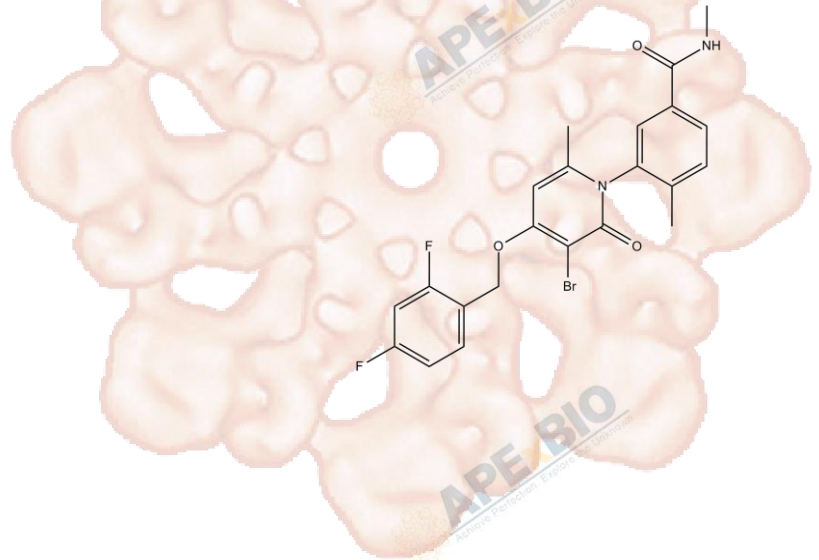


# Product Data Sheet

## PH-797804

<b>Cat. No.:</b>	A8308
<b>CAS No.:</b>	586379-66-0
<b>Formula:</b>	C22H19BrF2N2O3
<b>M.Wt:</b>	477.3
<b>Synonyms:</b>	PH797804; PH 797804
<b>Target:</b>	MAPK Signaling
<b>Pathway:</b>	p38
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥23.85 mg/mL in DMSO; insoluble in H<sub>2</sub>O; insoluble in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	2.0951 mL	10.4756 mL	20.9512 mL
	<b>5 mM</b>	0.4190 mL	2.0951 mL	4.1902 mL
	<b>10 mM</b>	0.2095 mL	1.0476 mL	2.0951 mL

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

### Biological Activity

**Shortsummary** P38 MAP kinase inhibitor, potent and selective

**IC<sub>50</sub> & Target** 26 nM (p38α)

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

1. Zheng, Lufeng, et al. "The 3' UTR of the pseudogene CYP4Z2P promotes tumor angiogenesis in breast cancer by acting as a ceRNA for CYP4Z1." Breast cancer research and treatment (2015): 1-14.PMID:25701119

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**

**[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)

