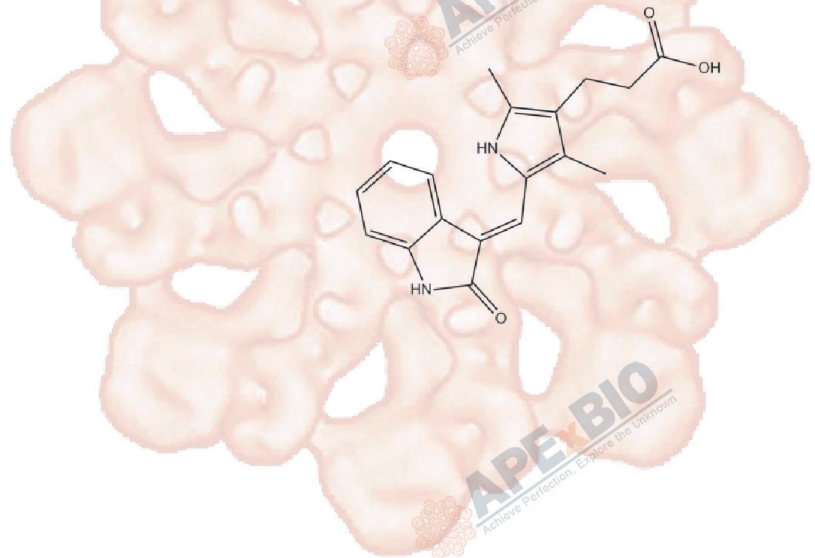


# Product Data Sheet

## TSU-68 (SU6668, Orantinib)

**Cat. No.:** A5331  
**CAS No.:** 252916-29-3  
**Formula:** C<sub>18</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>  
**M.Wt:** 310.35  
**Synonyms:**  
**Target:** Tyrosine Kinase  
**Pathway:** VEGFR  
**Storage:** Store at -20°C



### Solvent & Solubility

insoluble in EtOH; insoluble in H<sub>2</sub>O; ≥15.5 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass	1mg	5mg	10mg
		Concentration			
		1 mM	3.2222 mL	16.1108 mL	32.2217 mL
		5 mM	0.6444 mL	3.2222 mL	6.4443 mL
		10 mM	0.3222 mL	1.6111 mL	3.2222 mL

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

### Biological Activity

Shortsummary

PDGFR/FIk-1/FGFR1 inhibitor,potent and competitive

IC<sub>50</sub> & Target

8 nM (Ki) (PDGFRβ), 1.2 μM(Ki) (FGFR1), 2.1 μM(Ki) (FIK1)

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. 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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