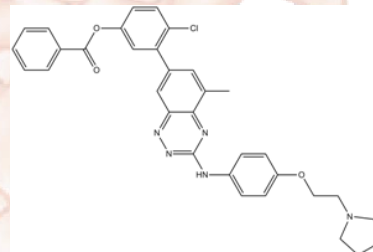


# Product Data Sheet

## TG 100801

|                  |                    |
|------------------|--------------------|
| <b>Cat. No.:</b> | A3870              |
| <b>CAS No.:</b>  | 867331-82-6        |
| <b>Formula:</b>  | C33H30ClN5O3       |
| <b>M.Wt:</b>     | 580.08             |
| <b>Synonyms:</b> | TG100801;TG-100801 |
| <b>Target:</b>   | Tyrosine Kinase    |
| <b>Pathway:</b>  | VEGFR              |
| <b>Storage:</b>  | Store at -20°C     |



## Solvent & Solubility

Soluble in DMSO

In Vitro

|                              | Solvent<br>Concentration | Mass | 1mg       | 5mg       | 10mg       |
|------------------------------|--------------------------|------|-----------|-----------|------------|
|                              |                          |      |           |           |            |
| Preparing<br>Stock Solutions | 1 mM                     |      | 1.7239 mL | 8.6195 mL | 17.2390 mL |
|                              | 5 mM                     |      | 0.3448 mL | 1.7239 mL | 3.4478 mL  |
|                              | 10 mM                    |      | 0.1724 mL | 0.8620 mL | 1.7239 mL  |

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

## Biological Activity

Shortsummary

Multi-kinase inhibitor

 IC<sub>50</sub> & Target

2 nM (VEGFR1), 7 nM (VEGFR2), 2 nM (FGFR1), 1 nM (Src), 0.5 nM (Fyn kinase)

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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