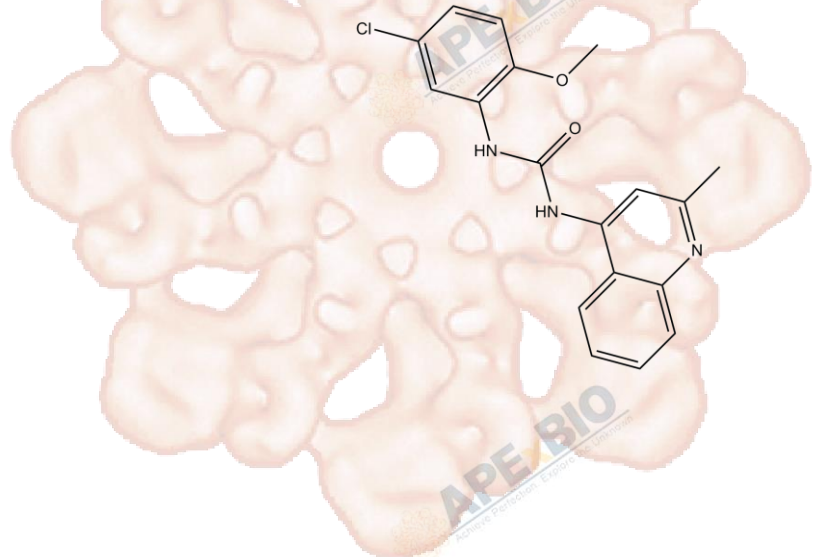


Product Data Sheet

PQ 401

| | |
|------------------|-----------------|
| Cat. No.: | A2033 |
| CAS No.: | 196868-63-0 |
| Formula: | C18H16ClN3O2 |
| M.Wt: | 341.79 |
| Synonyms: | |
| Target: | Tyrosine Kinase |
| Pathway: | IGF1R |
| Storage: | Store at -20°C |



Solvent & Solubility

insoluble in H₂O; ≥17.1 mg/mL in DMSO; ≥2.38 mg/mL in EtOH with ultrasonic

In Vitro

| Preparing Stock Solutions | Solvent | Mass | | |
|---------------------------|----------------------|-----------|------------|------------|
| | | 1mg | 5mg | 10mg |
| | Concentration | | | |
| | 1 mM | 2.9258 mL | 14.6289 mL | 29.2577 mL |
| | 5 mM | 0.5852 mL | 2.9258 mL | 5.8515 mL |
| | 10 mM | 0.2926 mL | 1.4629 mL | 2.9258 mL |

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

Biological Activity

| | | |
|---------------------------|---|--|
| Shortsummary | IGF1R inhibitor,potent and cell-permeable | |
| IC ₅₀ & Target | 12 μM (IGF1R) | |
| In Vitro | Cell Viability Assay | |
| | Preparation method: | |
| In Vivo | Animal experiment | |
| | Applications: | |

Product Citations

1. Lin B, Coleman JH, et al. "Injury Induces Endogenous Reprogramming and Dedifferentiation of Neuronal Progenitors to Multipotency." Cell Stem Cell. 2017 Nov 20. pii:S1934-5909(17)30375-2.PMID:29174332

See more customer validations on 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. 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.

APEX BIO Technology

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

