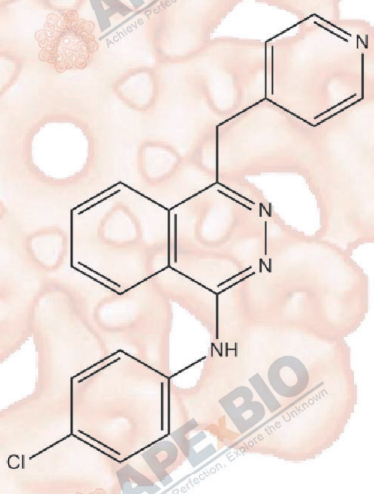
Product Data Sheet

Vatalanib

Cat. No.:	A3969
CAS No.:	212141-54-3
Formula:	C20H15ClN4
M.Wt:	346.81
Synonyms:	CGP-79787; PTK 787; ZK222584
Target:	Tyrosine Kinase
Pathway:	VEGFR
Storage:	Store at -20°C



Solvent & Solubility

In Vitro

⩾16.85 mg/mL in DMSO; ⩾3.0125 mg/mL in EtOH with gentle warming and ultrasonic; ⩾32.53 mg/mL in H2O with gentle warming and ultrasonic

Preparing Stock Solutions

Mass / Solvent / Concentration	1mg	5mg	10mg
1 mM	2.8834 mL	14.4171 mL	28.8342 mL
5 mM	0.5767 mL	2.8834 mL	5.7668 mL
10 mM	0.2883 mL	1.4417 mL	2.8834 mL

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

Biological Activity

Shortsummary	VEGFR-1/-2 inhibitor,cell-permeable
IC_{50} & Target	
In Vitro	**Cell Viability Assay**
	Preparation method：
In Vivo	**Animal experiment**
	Applications:

Product Citations

1. Melissa Barber,William D Andrews,et al."Vascular-Derived Vegfa Promotes Cortical Interneuron Migration and Proximity to the Vasculature in the Developing Forebrain."Cerebral Cortex,bhy082.

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 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.

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