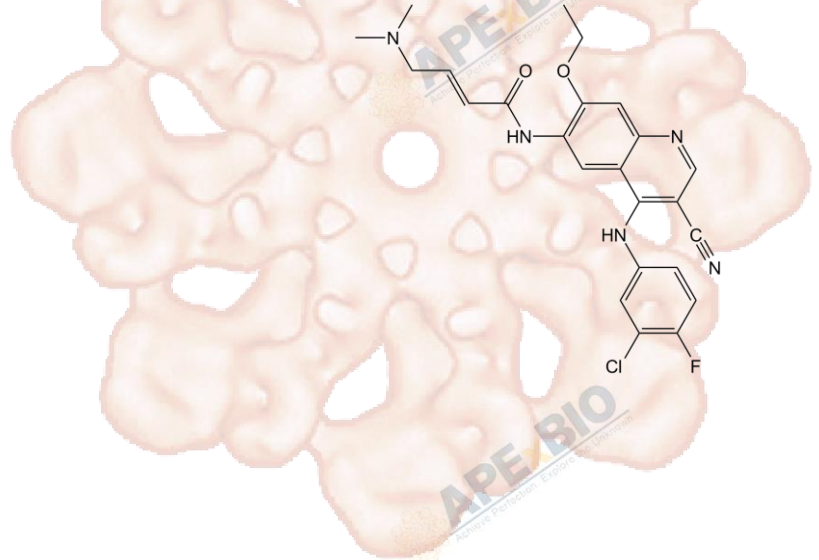


Product Data Sheet

Pelitinib (EKB-569)

Cat. No.:	A1835
CAS No.:	257933-82-7
Formula:	C ₂₄ H ₂₃ ClFN ₅ O ₂
M.Wt:	467.92
Synonyms:	
Target:	JAK/STAT Signaling
Pathway:	EGFR
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; insoluble in H₂O; ≥11.7 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.1371 mL	10.6856 mL	21.3712 mL
	5 mM	0.4274 mL	2.1371 mL	4.2742 mL
	10 mM	0.2137 mL	1.0686 mL	2.1371 mL

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

Biological Activity

Shortsummary EGFR inhibitor,potent and irreversible

IC₅₀ & Target 38.5 nM (EGFR)

In Vitro **Cell Viability Assay**

Preparation method:

In Vivo **Animal experiment**

Applications:

Product Citations

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.

APExBIO 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

