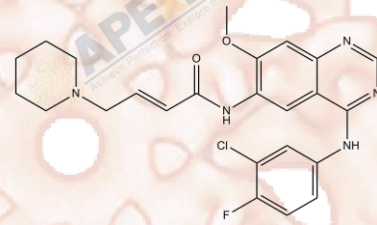


Product Data Sheet

Dacomitinib (PF299804, PF299)

Cat. No.:	A8319
CAS No.:	1110813-31-4
Formula:	C ₂₄ H ₂₅ ClFN ₅ O ₂
M.Wt:	469.94
Synonyms:	PF-00299804; PF-299804; PF 299804; PF 00299804
Target:	JAK/STAT Signaling
Pathway:	EGFR
Storage:	Store at -20°C



Solvent & Solubility

≥23.5 mg/mL in DMSO; insoluble in H₂O; ≥8.76 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.1279 mL	10.6397 mL	21.2793 mL
	5 mM		0.4256 mL	2.1279 mL	4.2559 mL
	10 mM		0.2128 mL	1.0640 mL	2.1279 mL

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

Biological Activity

Shortsummary

HER inhibitor

IC₅₀ & Target

6 nM (ErbB1), 45.7 nM (ErbB2), 73.7 nM (ErbB4)

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. 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.

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