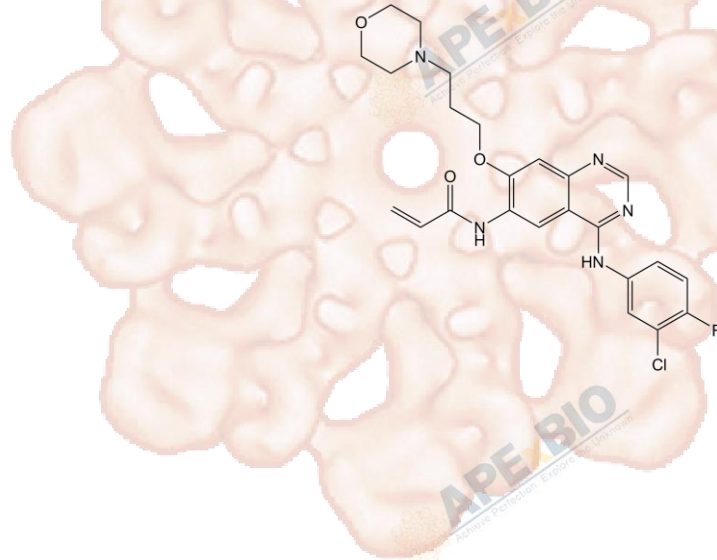


Product Data Sheet

Canertinib (CI-1033)

Cat. No.:	A1845
CAS No.:	267243-28-7
Formula:	C ₂₄ H ₂₅ ClFN ₅ O ₃
M.Wt:	485.94
Synonyms:	
Target:	JAK/STAT Signaling
Pathway:	EGFR
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥10.1 mg/mL in EtOH; ≥12.15 mg/mL in DMSO with gentle warming

In Vitro

Preparing Stock Solutions	Solvent	Mass	1mg	5mg	10mg
			Concentration		
	1 mM		2.0579 mL	10.2893 mL	20.5787 mL
	5 mM		0.4116 mL	2.0579 mL	4.1157 mL
	10 mM		0.2058 mL	1.0289 mL	2.0579 mL

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

Biological Activity

Shortsummary	HER family tyrosine kinase inhibitor
IC ₅₀ & Target	0.8 nM (EGFR), 19 nM (HER2), 7 nM (HER4)

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 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.

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