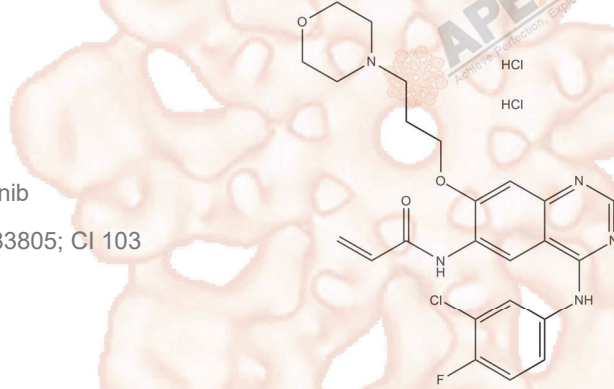


Product Data Sheet

Canertinib dihydrochloride

Cat. No.:	A3276
CAS No.:	289499-45-2
Formula:	C ₂₄ H ₂₇ Cl ₃ FN ₅ O ₃
M.Wt:	558.87
Synonyms:	PD-183805; CI-1033; Canertinib HCl; PD183805; CI103; PD 183805; CI 103
Target:	Tyrosine Kinase
Pathway:	HER2
Storage:	Store at -20°C



Solvent & Solubility

≥55.9 mg/mL in DMSO with gentle warming, ≥8.96 mg/mL in EtOH with ultrasonic and warming, ≥21.8 mg/mL in H₂O with ultrasonic and warming

In Vitro

Preparing	Solvent	Mass Concentration	1mg	5mg	10mg
			Concentration	1mg	5mg
Stock Solutions		1 mM	1.7893 mL	8.9466 mL	17.8932 mL
		5 mM	0.3579 mL	1.7893 mL	3.5786 mL
		10 mM	0.1789 mL	0.8947 mL	1.7893 mL

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

Biological Activity

Shortsummary

Pan-ErbB inhibitor, potent and selective

IC₅₀ & Target

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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