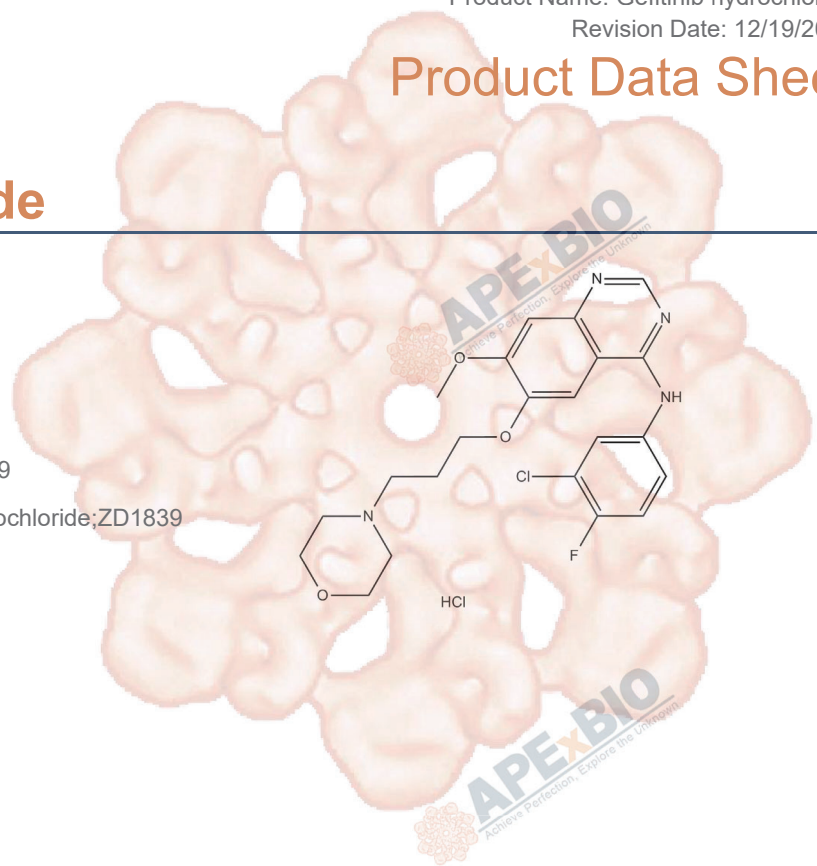


Product Data Sheet

Gefitinib hydrochloride

Cat. No.:	A3433
CAS No.:	184475-55-6
Formula:	C ₂₂ H ₂₅ Cl ₂ FN ₄ O ₃
M.Wt:	483.36
Synonyms:	Iressa hydrochloride; ZD 1839 hydrochloride; ZD-1839 hydrochloride; ZD1839 hydrochloride
Target:	JAK/STAT Signaling
Pathway:	EGFR
Storage:	Store at -20°C



Solvent & Solubility

≥6.9 mg/mL in DMSO with gentle warming, insoluble in EtOH, ≥4.28 mg/mL in H₂O with ultrasonic and warming

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	2.0689 mL	10.3443 mL	20.6885 mL
	5 mM	0.4138 mL	2.0689 mL	4.1377 mL
	10 mM	0.2069 mL	1.0344 mL	2.0689 mL

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

Biological Activity

Shortsummary

Potent EGFR inhibitor

 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.

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

