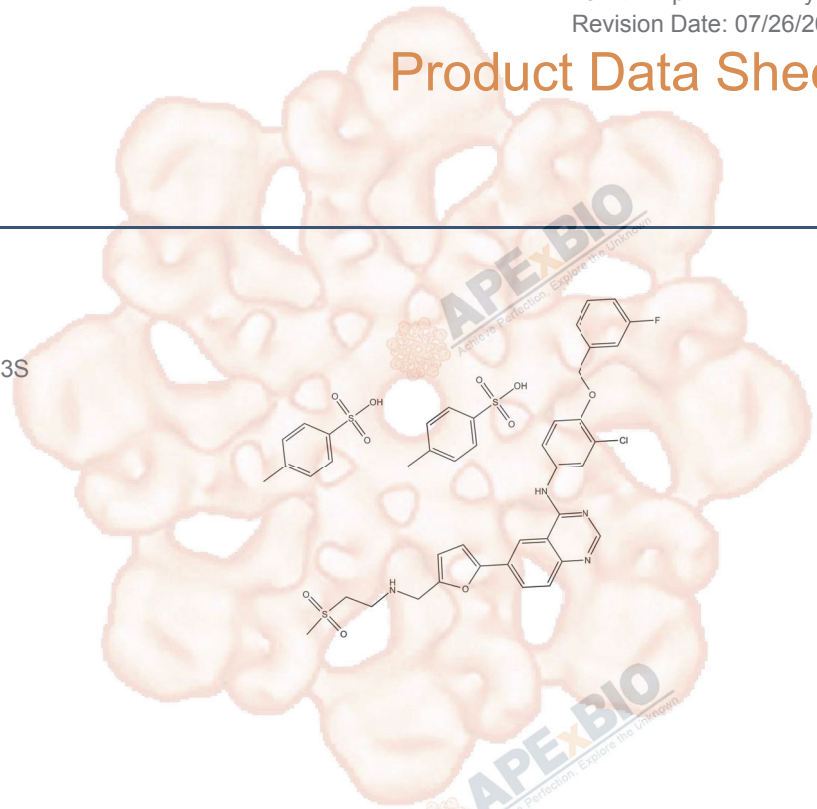


Lapatinib Ditosylate

Cat. No.:	A3967
CAS No.:	388082-77-7
Formula:	C ₂₉ H ₂₆ CIFN ₄ O ₄ S 2C ₇ H ₈ O ₃ S
M.Wt:	925.46
Synonyms:	Tykerb Ditosylate
Target:	JAK/STAT Signaling
Pathway:	EGFR
Storage:	Store at RT



Solvent & Solubility

≥ 24.3 mg/mL in DMSO, insoluble in EtOH, insoluble in H₂O

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	1.0805 mL	5.4027 mL	10.8054 mL
	5 mM	0.2161 mL	1.0805 mL	2.1611 mL
	10 mM	0.1081 mL	0.5403 mL	1.0805 mL

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

Biological Activity

Shortsummary EGFR/HER2 inhibitor, potent and selective

IC₅₀ & Target 10.8 nM (EGFR), 9.2 nM (ErbB2)

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. 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.

APEX BIO 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

