

Product Data Sheet

WZ3146

Cat. No.:	A8881
CAS No.:	1214265-56-1
Formula:	C ₂₄ H ₂₅ ClN ₆ O ₂
M.Wt:	464.95
Synonyms:	
Target:	Tyrosine Kinase
Pathway:	EGFR
Storage:	Store at -20°C



Solvent & Solubility

≥ 23.25 mg/mL in DMSO with gentle warming

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
		1 mM	2.1508 mL	10.7538 mL	21.5077 mL
		5 mM	0.4302 mL	2.1508 mL	4.3015 mL
		10 mM	0.2151 mL	1.0754 mL	2.1508 mL

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

Biological Activity

Shortsummary Mutant EGFR inhibitor, potent and irreversible

IC₅₀ & Target 2 nM (EGFR(L858R)), 2 nM (EGFR(E746_A750))

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. 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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