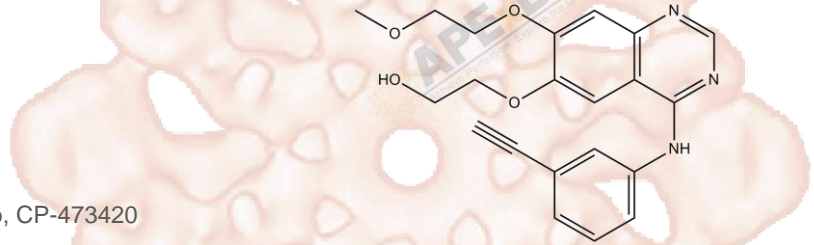


Product Data Sheet

OSI-420 free base

Cat. No.:	B1495
CAS No.:	183321-86-0
Formula:	C ₂₁ H ₂₁ N ₃ O ₄
M.Wt:	379.41
Synonyms:	OSI-420, Desmethyl Erlotinib, CP-473420
Target:	JAK/STAT Signaling
Pathway:	EGFR
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥51 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.6357 mL	13.1784 mL	26.3567 mL
	5 mM	0.5271 mL	2.6357 mL	5.2713 mL
	10 mM	0.2636 mL	1.3178 mL	2.6357 mL

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

Biological Activity

Shortsummary

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 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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