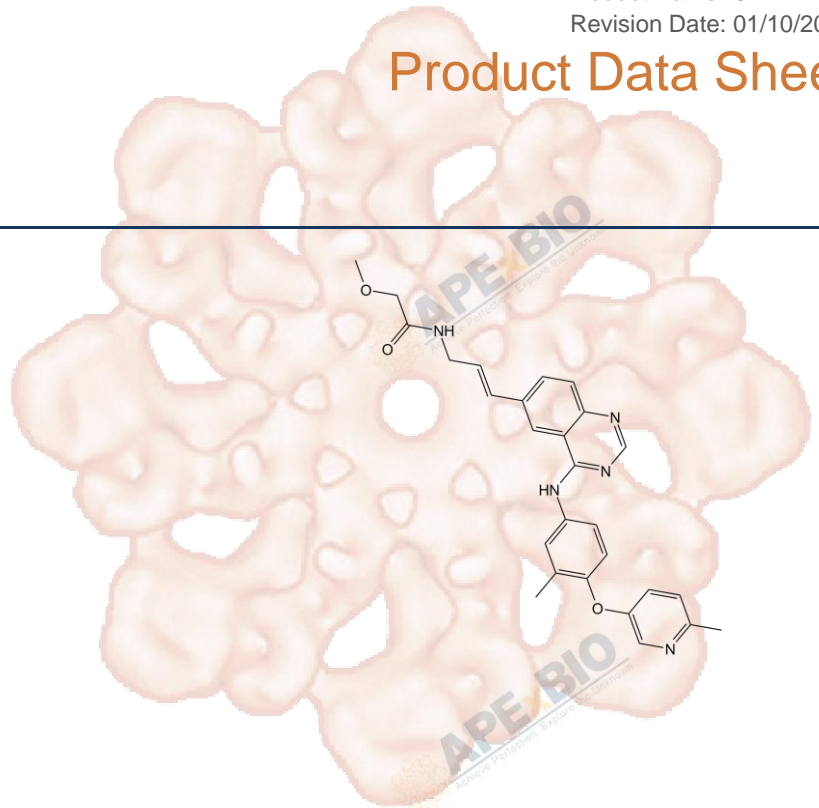


Product Data Sheet

CP-724714

Cat. No.:	A2412
CAS No.:	537705-08-1
Formula:	C27H27N5O3
M.Wt:	469.53
Synonyms:	
Target:	JAK/STAT Signaling
Pathway:	EGFR
Storage:	Store at -20°C



Solvent & Solubility

≥23.5 mg/mL in DMSO; insoluble in H₂O; ≥25.4 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.1298 mL	10.6489 mL	21.2979 mL
	5 mM	0.4260 mL	2.1298 mL	4.2596 mL
	10 mM	0.2130 mL	1.0649 mL	2.1298 mL

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

Biological Activity

Shortsummary	HER2 inhibitor,potent and selective
IC ₅₀ & Target	10±3 nM (erbB2), 6,400±2,100 nM (EGFR)

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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