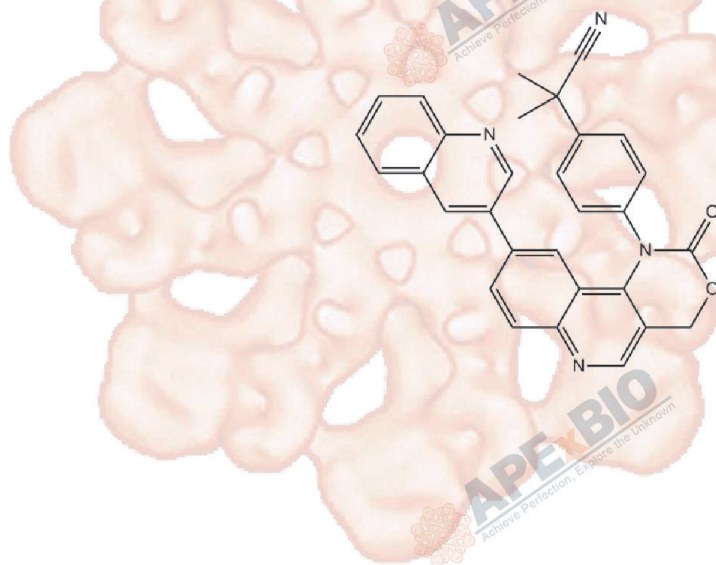


Product Data Sheet

ETP-46464

Cat. No.:	A8626
CAS No.:	1345675-02-6
Formula:	C30H22N4O2
M.Wt:	470.52
Synonyms:	
Target:	PI3K/Akt/mTOR Signaling
Pathway:	DNA-PK
Storage:	Store at -20°C



Solvent & Solubility

≥ 16.13 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	2.1253 mL	10.6265 mL	21.2531 mL
		5 mM	0.4251 mL	2.1253 mL	4.2506 mL
		10 mM	0.2125 mL	1.0627 mL	2.1253 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary	ATR inhibitor,potent and selective	
IC ₅₀ & Target	0.6 nM (mTOR), 14 nM (ATR), 36 nM (DNA-PK), 170 nM (PI3Kα), 545 nM (ATM)	
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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