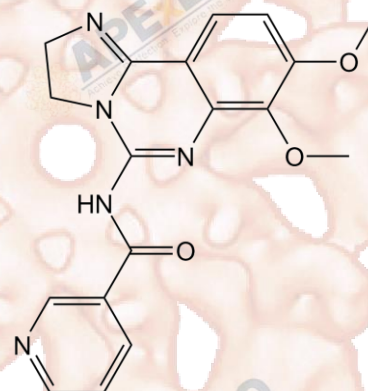


Product Data Sheet

PIK-90

Cat. No.:	A2764
CAS No.:	677338-12-4
Formula:	C ₁₈ H ₁₇ N ₅ O ₃
M.Wt:	351.36
Synonyms:	
Target:	PI3K/Akt/mTOR Signaling
Pathway:	PI3K
Storage:	Store at -20°C



Solvent & Solubility

In Vitro

insoluble in DMSO

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions	1 mM		2.8461 mL	14.2304 mL	28.4608 mL
	5 mM		0.5692 mL	2.8461 mL	5.6922 mL
	10 mM		0.2846 mL	1.4230 mL	2.8461 mL

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

Biological Activity

Shortsummary

PI3K inhibitor, potent selective

 IC₅₀ & Target

11 nM (p110α), 350 nM (p110β), 18 nM (p110γ), 58 nM (p110δ)

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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