

Product Data Sheet

AICAR phosphate

Cat. No.:	B1211
CAS No.:	681006-28-0
Formula:	C9H17N4O9P
M.Wt:	356.23
Synonyms:	
Target:	PI3K/Akt/mTOR Signaling
Pathway:	AMPK
Storage:	Store at -20°C



Solvent & Solubility

≥49.6 mg/mL in DMSO; ≥2.47 mg/mL in EtOH with gentle warming and ultrasonic; ≥48.6 mg/mL in H₂O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	2.8072 mL	14.0359 mL	28.0718 mL
		5 mM	0.5614 mL	2.8072 mL	5.6144 mL
		10 mM	0.2807 mL	1.4036 mL	2.8072 mL

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

Biological Activity

Shortsummary	AMPK activator	
IC ₅₀ & 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 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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