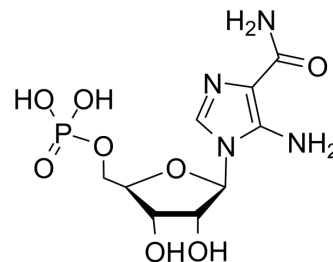


AICA-riboside, 5'-phosphate

Cat. No.:	HY-134356
CAS No.:	3031-94-5
Molecular Formula:	C ₉ H ₁₅ N ₄ O ₈ P
Molecular Weight:	338.21
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 4.9 mg/mL (14.49 mM); ultrasonic and warming and adjust pH to 6 with NaOH and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.9567 mL	14.7837 mL	29.5674 mL
	5 mM	0.5913 mL	2.9567 mL	5.9135 mL
	10 mM	0.2957 mL	1.4784 mL	2.9567 mL

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

BIOLOGICAL ACTIVITY

Description

AICA-riboside, 5'-phosphate (AICAR-5'-MP) is a 5'-phosphorylated analogue of AICAR. AICAR is an adenosine analog and a AMPK activator. ^[1]

Caution: Product has not been fully validated for medical applications. For research use only.

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