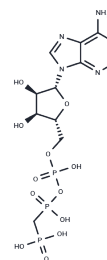


AMP-PCP

Chemical Properties

CAS No. :	3469-78-1
Formula:	C ₁₁ H ₁₈ N ₅ O ₁₂ P ₃
Molecular Weight:	505.21
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	AMP-PCP is an ATP analog and can bind to the Hsp90 N-terminal domain (Kd: 3.8 μM). AMP-PCP binding favors the formation of the active homodimer of Hsp90.
Targets(IC50)	HSP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9794 mL	9.8969 mL	19.7937 mL
5 mM	0.3959 mL	1.9794 mL	3.9587 mL
10 mM	0.1979 mL	0.9897 mL	1.9794 mL
50 mM	0.0396 mL	0.1979 mL	0.3959 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Zhang H, et al. A dynamic view of ATP-coupled functioning cycle of Hsp90 N-terminal domain. Sci Rep. 2015 Apr 13;5:9542.

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