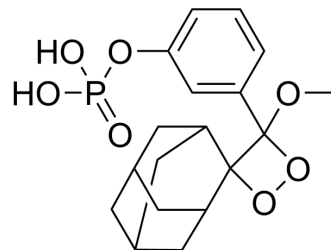


AMPPD

Cat. No.:	HY-15906		
CAS No.:	122341-56-4		
Molecular Formula:	C ₁₈ H ₂₃ O ₇ P		
Molecular Weight:	382.34		
Target:	Phosphatase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 83.33 mg/mL (217.95 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.6155 mL	13.0774 mL	26.1547 mL
		5 mM	0.5231 mL	2.6155 mL	5.2309 mL
10 mM		0.2615 mL	1.3077 mL	2.6155 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (261.55 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	AMPPD, a 1,2-dioxo-cyclohexane derivative, is a biochemistry ultrasensitive alkaline phosphatase substrate.
-------------	---

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA