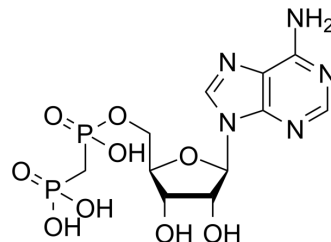


MethADP

Cat. No.:	HY-112502		
CAS No.:	3768-14-7		
Molecular Formula:	C ₁₁ H ₁₇ N ₅ O ₉ P ₂		
Molecular Weight:	425.23		
Target:	CD73		
Pathway:	Immunology/Inflammation		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	MethADP is a specific CD73 inhibitor.
IC₅₀ & Target	CD73 ^[1] .
In Vitro	MethADP (AMP-CP: 20 μM) causes a marked inhibition of adenosine formation (0.96±0.96 μM) compared to untreated controls (9.6±1.5 μM) in A498 and RT4 cells, and MethADP (100 μM) completely inhibits the adenosine formation ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Mohlin C, et al. Studies of the extracellular ATP-adenosine pathway in human urinary tract epithelial cells. *Pharmacology*. 2009;84(4):196-202.

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