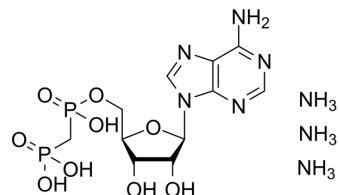


MethADP triammonium

Cat. No.:	HY-112502C
Molecular Formula:	C ₁₁ H ₂₆ N ₈ O ₉ P ₂
Molecular Weight:	476.32
Target:	CD73
Pathway:	Immunology/Inflammation
Storage:	4°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 : 46.67 mg/mL (97.98 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.0994 mL	10.4971 mL	20.9943 mL
	5 mM	0.4199 mL	2.0994 mL	4.1989 mL
	10 mM	0.2099 mL	1.0497 mL	2.0994 mL

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

BIOLOGICAL ACTIVITY

Description

MethADP (Adenosine 5'-(α,β -methylene)diphosphate) triammonium is a CD73 inhibitor. MethADP can be used for the research of ATP-adenosine pathway^[1].

In Vitro

MethADP (20 and 100 μ mol/L) inhibits 5'-AMP induced adenosine formation in A498 cells^[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.

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