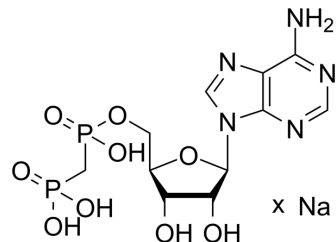


MethADP sodium salt

Cat. No.:	HY-112502B
CAS No.:	89016-30-8
Molecular Formula:	$C_{11}H_{17}N_5O_9P_2 \cdot xNa$
Target:	CD73
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MethADP (sodium salt) is a specific CD73 inhibitor.
IC ₅₀ & 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.

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