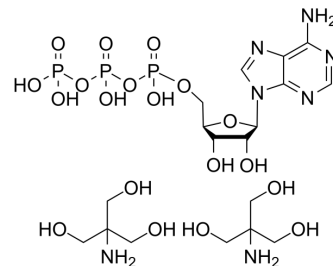


ATP ditromethamine

Cat. No.:	HY-B2176D
CAS No.:	102047-34-7
Molecular Formula:	C ₁₈ H ₃₈ N ₇ O ₁₉ P ₃
Molecular Weight:	749.45
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ATP ditromethamine (Adenosine 5'-triphosphate ditromethamine) is a central component of energy storage and metabolism in vivo. ATP ditromethamine provides the metabolic energy to drive metabolic pumps and serves as a coenzyme in cells. ATP ditromethamine is an important endogenous signaling molecule in immunity and inflammation ^{[1][2]} .
IC₅₀ & Target	Human Endogenous Metabolite

CUSTOMER VALIDATION

- Immunity. 2024 Feb 16;S1074-7613(24)00044-X.
- Protein Cell. 2021 Oct 22;1-21.
- ACS Nano. 2023 Nov 21.
- Mol Cell. 2023 May 19;S1097-2765(23)00324-6.
- Mol Cell. 2022 Apr 14;S1097-2765(22)00290-8.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Swennen EL, et al. Immunoregulatory effects of adenosine 5'-triphosphate on cytokine release from stimulated whole blood. *Eur J Immunol.* 2005 Mar;35(3):852-8.
- [2]. M J L Bours, et al. Adenosine 5'-triphosphate and adenosine as endogenous signaling molecules in immunity and inflammation. *Pharmacol Ther.* 2006 Nov;112(2):358-404.

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