

Apyrase

Chemical Properties

CAS No. : 9000-95-7

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Apyrase is an extracellular nucleoside triphosphate diphosphate hydrolase (NTPDase) that catalyzes the hydrolysis of ATP and ADP to form AMP and inorganic phosphate. Apyrase is commonly used to regulate extracellular nucleotide levels and plays a significant role in studies of platelet aggregation, purine signaling, and cellular energy metabolism.
Targets(IC50)	Immunology/Inflammation related

Solubility Information

Solubility	H2O: 1 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Arvidsson I, et al. Apyrase decreases phage induction and Shiga toxin release from E. coli O157:H7 and has a protective effect during infection. Gut Microbes. 2022 Jan-Dec;14(1):2122667.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481