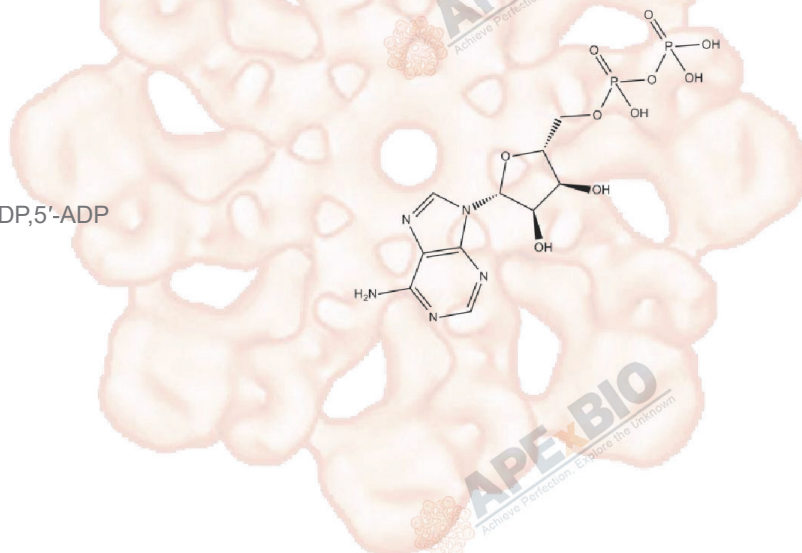


Product Data Sheet

Adenosine-5'-diphosphate

Cat. No.:	C4341
CAS No.:	58-64-0
Formula:	C ₁₀ H ₁₅ N ₅ O ₁₀ P ₂
M.Wt:	427.2
Synonyms:	Adenosine Pyrophosphate,ADP,5'-ADP
Target:	Metabolism
Pathway:	Others
Storage:	Store at -20°C



Solvent & Solubility

≥21.35 mg/mL in DMSO with gentle warming; insoluble in EtOH; ≥24.85 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
		1 mM	2.3408 mL	11.7041 mL	23.4082 mL
		5 mM	0.4682 mL	2.3408 mL	4.6816 mL
		10 mM	0.2341 mL	1.1704 mL	2.3408 mL

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

Biological Activity

Shortsummary

central component of energy storage, metabolism, and signal transduction in vivo;agonist of purinergic receptors

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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