Product Datasheet

Technical Data

Formula	$C_{10}H_{15}N_5O_{10}P_2$		
Molecular Weight	427.20	**CAS No.**	58-64-0
Solubility (25°C)*	In vitro	Water	43 mg/mL (100.65 mM)
		DMSO	Insoluble
		Ethanol	Insoluble

* <1 mg/ml means slightly soluble or insoluble.
* Please note that Capsid Bio tests the solubility of all compounds in-house, and the actual solubility may differ slightly from published values. This is normal and is due to slight batch-to-batch variations.
* Room temperature shipping (Stability testing shows this product can be shipped at 2-8°C for storage purposes.)

Preparing Stock Solutions

Concentration \ Volume \ Mass	1 mg	5 mg	10 mg
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
50 mM	0.0468 mL	0.2341 mL	0.4682 mL

Biological Activity

Description	ADP (Adenosine diphosphate, adenosine pyrophosphate, Adenosine 5'-diphosphate) is an important organic compound in metabolism and is essential to the flow of energy in living cells.

RETURN POLICY

Capsid Bio's Unconditional Return Policy ensures a smooth online shopping experience for our customers. If you are in any way unsatisfied with your purchase, you may return any item(s) within 7 days of receiving it. In the event of product quality issues, either protocol related or product related problems, you may return any item(s) within 365 days from the original purchase date. Please follow the instructions below when returning products.

SHIPPING & STORAGE

Capsid Bio products are transported at room temperature. If you receive the product at room temperature, please rest assured, the Capsid Bio Quality Inspection Department has conducted experiments to verify that the normal temperature placement of one month will not affect the biological activity of powder products. After collecting, please store the product according to the requirements described in the datasheet. Most Capsid Bio products are stable under the recommended conditions.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

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