Product Datasheet

Technical Data

Formula	$C_6H_{18}O_{24}P_6 \cdot xNa \cdot yH_2O$		
Molecular Weight	660.04	**CAS No.**	14306-25-3
Solubility (25°C)*	In vitro	Water	62 mg/mL (93.93 mM)
		DMSO	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	1.5151 mL	7.5753 mL	15.1506 mL
5 mM	0.3030 mL	1.5151 mL	3.0301 mL
10 mM	0.1515 mL	0.7575 mL	1.5151 mL
50 mM	0.0303 mL	0.1515 mL	0.3030 mL

Biological Activity

Description	Sodium phytate hydrate (Phytic acid, Dodecasodium phytate, Myo-inositol hexakis, Inositol hexakisphosphate) functions as a storage depot and precursor for other inositol phosphates and pyrophosphates. It can be used clinically as a hypocalcemic agent and a complexing agent for removal of traces of heavy metal ions.

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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