

Isoguanosine-5'-O-diphosphate sodium

Chemical Properties

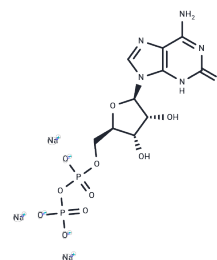
CAS No. :

Formula: C₁₀H₁₂N₅O₁₁P₂.3Na

Molecular Weight: 509.15

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	Isoguanosine-5'-O-diphosphate (isoGDP), an isomer of GDP and a phosphorylated variant of crotonoside, acts as a mitochondrial ATPase inhibitor, demonstrating effectiveness at a concentration of 3 μ M (IC ₅₀ = 3 μ M).
Targets(IC ₅₀)	Others

Solubility Information

Solubility	H ₂ O: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9641 mL	9.8203 mL	19.6406 mL
5 mM	0.3928 mL	1.9641 mL	3.9281 mL
10 mM	0.1964 mL	0.982 mL	1.9641 mL
50 mM	0.0393 mL	0.1964 mL	0.3928 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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