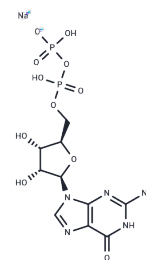


## Guanosine 5'-diphosphate sodium

## Chemical Properties

CAS No. :	43139-22-6
Formula:	C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> NaO <sub>11</sub> P <sub>2</sub>
Molecular Weight:	465.18
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	Guanosine 5'-diphosphate (GDP) sodium is a nucleoside diphosphate known for activating the adenosine 5'-triphosphate-sensitive K <sup>+</sup> channel, serving as a potential iron mobilizer by inhibiting the hepcidin-ferroportin interaction, and modulating the interleukin-6 (IL-6)/stat-3 pathway. It is utilized in research on inflammation-related conditions, including anemia of inflammation (AI).
Targets(IC50)	Others,Endogenous Metabolite,Potassium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1497 mL	10.7485 mL	21.4971 mL
5 mM	0.4299 mL	2.1497 mL	4.2994 mL
10 mM	0.215 mL	1.0749 mL	2.1497 mL
50 mM	0.043 mL	0.215 mL	0.4299 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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