

Sp-Guanosine-5'-O-(1-thiotriphosphate) sodium

Chemical Properties

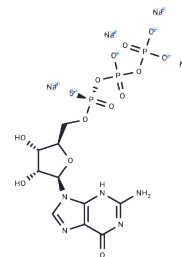
CAS No. :

Formula: C10H12N5O13P3S.4Na

Molecular Weight: 627.17

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	Sp-Guanosine-5'-O-(1-thiotriphosphate) (Sp-GTP- α -S), an isomer of the sulfur-containing nucleotide derivative GTP- α -S, demonstrates the ability to bind tubulin and facilitate microtubule assembly in cell-free assays at a concentration of 20 μ M.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5945 mL	7.9723 mL	15.9446 mL
5 mM	0.3189 mL	1.5945 mL	3.1889 mL
10 mM	0.1594 mL	0.7972 mL	1.5945 mL
50 mM	0.0319 mL	0.1594 mL	0.3189 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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