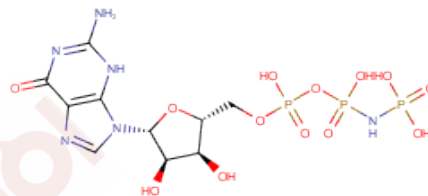


Guanylyl Imidodiphosphate (lithium salt)

Chemical Properties

CAS No. : 64564-03-0
 Formula: C₁₀H₁₃Li₄N₆O₁₃P₃
 Molecular Weight: 545.93
 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	Guanylyl Imidodiphosphate (lithium salt) is a non-hydrolyzable GTP analog that increases adenylate cyclase activity.
Targets(IC50)	Others,AChR

Solubility Information

Solubility	PBS (pH 7.2): 10 mg/mL (18.32 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8317 mL	9.1587 mL	18.3174 mL
5 mM	0.3663 mL	1.8317 mL	3.6635 mL
10 mM	0.1832 mL	0.9159 mL	1.8317 mL
50 mM	0.0366 mL	0.1832 mL	0.3663 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.

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