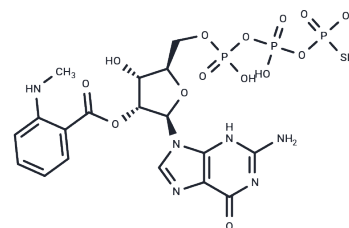


Mant-GTPyS

Chemical Properties

CAS No. : 136749-24-1
Formula: C₁₈H₂₃N₆O₁₄P₃S
Molecular Weight: 672.39
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Mant-GTPyS, an effective GTP analog, displays strong competitive inhibition of adenylyl cyclase (AC). Additionally, it acts as a potent inhibitor of YdeH.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4872 mL	7.4362 mL	14.8723 mL
5 mM	0.2974 mL	1.4872 mL	2.9745 mL
10 mM	0.1487 mL	0.7436 mL	1.4872 mL
50 mM	0.0297 mL	0.1487 mL	0.2974 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.

Reference

Andreas Gille, et al. 2'(3')-O-(N-methylantraniloyl)-substituted GTP analogs: a novel class of potent competitive adenylyl cyclase inhibitors. J Biol Chem. 2003 Apr 11;278(15):12672-9.

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