

2'-Amino-2'-deoxyguanosine

Chemical Properties

CAS No. :	60966-26-9
Formula:	C10H14N6O4
Molecular Weight:	282.26
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	2'-Amino-2'-deoxyguanosine is a nucleoside antibiotic that exhibits lethal activity against certain strains of Escherichia coli. Its antibacterial effects can be reversed by guanosine and other purine nucleosides. This compound can be utilized in the study of bacterial infections.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5428 mL	17.7142 mL	35.4283 mL
5 mM	0.7086 mL	3.5428 mL	7.0857 mL
10 mM	0.3543 mL	1.7714 mL	3.5428 mL
50 mM	0.0709 mL	0.3543 mL	0.7086 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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