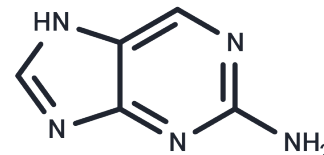


2-Aminopurine

Chemical Properties

CAS No. : 452-06-2
Formula: C₅H₅N₅
Molecular Weight: 135.13
Appearance: no data available
Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	2-Aminopurine is a double-stranded RNA-dependent protein kinase, protein kinase R (PKR) inhibitor.
Targets(IC50)	DNA/RNA Synthesis,PKA

Solubility Information

Solubility	DMSO: 10 mg/mL (74 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.4003 mL	37.0014 mL	74.0028 mL
5 mM	1.4801 mL	7.4003 mL	14.8006 mL
10 mM	0.740 mL	3.7001 mL	7.4003 mL
50 mM	0.148 mL	0.740 mL	1.4801 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

Xuerui Liu , Lina Dong , Lianxiao Wang, et al.2-Aminopurine modified DNA probe for rapid and sensitive detection of l-cysteine.Talanta. 2019 Sep 1;202:520-525.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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