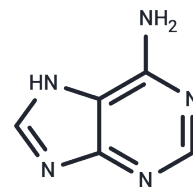


Adenine hydrochloride

Chemical Properties

CAS No. :	2922-28-3
Formula:	C ₅ H ₅ N ₅ ·HCl
Molecular Weight:	171.59
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

HCl



Biological Description

Description	Adenine hydrochloride (6-Aminopurine hydrochloride) is a hydrochloride salt form of adenine which is a nucleobase with a variety of roles in biochemistry.
Targets(IC50)	Endogenous Metabolite,DNA/RNA Synthesis
In vivo	Trelagliptin improves glycaemic control by inhibition of DPP-4 activity. [1]

Solubility Information

Solubility	DMSO: 1.72 mg/mL (10 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	5.8278 mL	29.1392 mL	58.2785 mL
5 mM	1.1656 mL	5.8278 mL	11.6557 mL
10 mM	0.5828 mL	2.9139 mL	5.8278 mL
50 mM	0.1166 mL	0.5828 mL	1.1656 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

Silwal P, et al. Mol Immunol. 2015 Jun;65(2):242-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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