2-Amino-6-chloropurine

Cat. No.:	HY-Y0429	
CAS No.:	10310-21-1	H_2N N
Molecular Formula:	C _s H ₄ ClN _s	
Molecular Weight:	169.57	N /
Target:	Biochemical Assay Reagents	
Pathway:	Others	
Storage:	-20°C, sealed storage, away from moisture and light	CI
	and light)	

SOLVENT & SOLUBILITY

In Vitro	DMSO : 33.33 mg/mL (196.56 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg		
		1 mM	5.8973 mL	29.4863 mL	58.9727 mL		
		5 mM	1.1795 mL	5.8973 mL	11.7945 mL		
		10 mM	0.5897 mL	2.9486 mL	5.8973 mL		
	Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.74 mM); Clear solution						

DIOLOGICALACITY	
Description	6-Chloroguanine is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	2-Amino-6-chloropurine is a precursor in the synthesis of nucleotide analogs with antiviral activity against Epstein-Barr vir (EBV) and human herpes virus 6 (HHV-6). MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Qiu, Y.-L., Ksebati, MB, Ptak, RG, et al.(Z)- and (E)-2-((hydroxymethyl)cyclopropylidene)methyladenine and -guanine. New nucleotide analogues with a broad-spectrum antiviral activityJ. Med. Chem.41(1) 10-23 (1998).



Caution: Product has not been fully validated for medical applications. For research use only.

 Tel: 609-228-6898
 Fax: 609-228-5909
 E-mail: tech@MedChemExpress.com

 Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA