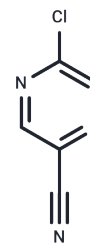


2-CHLORO-5-CYANOPYRAZINE

Chemical Properties

CAS No. :	36070-75-4
Formula:	C ₅ H ₂ ClN ₃
Molecular Weight:	139.54
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-CHLORO-5-CYANOPYRAZINE (5-Chloropyrazine-2-carbonitrile) is an active biochemical.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (429.98 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	7.1664 mL	35.832 mL	71.664 mL
5 mM	1.4333 mL	7.1664 mL	14.3328 mL
10 mM	0.7166 mL	3.5832 mL	7.1664 mL
50 mM	0.1433 mL	0.7166 mL	1.4333 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.

Reference

Laixing Hu, et al. Synthesis and activity of azaterphenyl diamidines against Trypanosoma brucei rhodesiense and Plasmodium falciparum. Bioorg Med Chem. Author manuscript; available in PMC 2013 Oct 30.

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