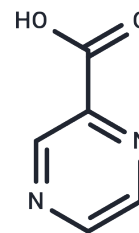


Pyrazinoic acid

Chemical Properties

CAS No. :	98-97-5
Formula:	C ₅ H ₄ N ₂ O ₂
Molecular Weight:	124.1
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	Pyrazinoic acid (Pyrazinecarboxylic acid) is the intermediate of pyrazole thiamethoxam sulfur.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (443.19 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	8.058 mL	40.2901 mL	80.5802 mL
5 mM	1.6116 mL	8.058 mL	16.116 mL
10 mM	0.8058 mL	4.029 mL	8.058 mL
50 mM	0.1612 mL	0.8058 mL	1.6116 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

Rada B, et al. Acta Virol. 1971 Jul;15(4):326-8.

Li Y, Sun H, Tian Z, et al. The determination of Plutella xylostella (L.) GSTs (PxGSTs) involved in the detoxification metabolism of Tolfenpyrad. Pest Management Science. 2020

Li Y, Sun H, Tian Z, et al. The determination of Plutella xylostella (L.) GSTs (PxGSTs) involved in the detoxification metabolism of Tolfenpyrad]]]. Pest Management Science. 2020.

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