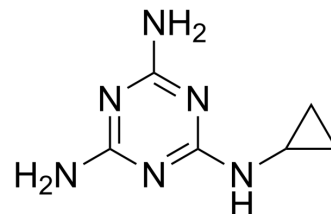


Cyromazine

Cat. No.:	HY-B1331		
CAS No.:	66215-27-8		
Molecular Formula:	C ₆ H ₁₀ N ₆		
Molecular Weight:	166.18		
Target:	Endogenous Metabolite; Parasite		
Pathway:	Metabolic Enzyme/Protease; Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 1.8 mg/mL (10.83 mM)

* "≥" means soluble, but saturation unknown.

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

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Preparing

Stock Solutions

Solvent Concentration	1 mg	5 mg	10 mg
1 mM	6.0176 mL	30.0879 mL	60.1757 mL
5 mM	1.2035 mL	6.0176 mL	12.0351 mL
10 mM	0.6018 mL	3.0088 mL	6.0176 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Cyromazine is a triazine insect growth regulator used as an insecticide and an acaricide. It is a cyclopropyl derivative of melamine. Cyromazine works by affecting the nervous system of the immature larval stages of certain insects.

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

- [1]. Levot GW, et al. Survival advantage of cyromazine-resistant sheep blowfly larvae on dicyclanil- and cyromazine-treated Merinos. Aust Vet J. 2014 Nov;92(11):421-6.
- [2]. Levot GW, et al. Survival advantage of cyromazine-resistant sheep blowfly larvae on dicyclanil- and cyromazine-treated Merinos. Aust Vet J. 2014 Nov;92(11):421-6.
- [3]. Levot GW, et al. Survival advantage of cyromazine-resistant sheep blowfly larvae on dicyclanil- and cyromazine-treated Merinos. Aust Vet J. 2014 Nov;92(11):421-6.