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产品名称: 哌嗪己二酸盐
产品别名: **Piperazine adipate**; 己二酸哌嗪

生物活性:				
Description	Piperazine adipate is a potent broad spectrum anthelmintic against many common worm infections in mammals.			
In Vitro	Piperazine adipate (10 mM) causes mortality of A. galli and H. gallinae after a maximum of 30 min exposure, inhibits malate oxidation by 78%, and inhibits aldolase activity in both parasites. Piperazine adipate (10 mM) also inhibits cholinesterase activity by 96% in Ascaridia galli (A. galli) and 93% in Heterakis gallinae (H. gallinae). Piperazine adipate inhibits oxaloacetate reduction by 26% and 55% in A. galli and H. gallinae, respectively ^[1] .			
Solvent&Solubility	In Vitro: H ₂ O : 30 mg/mL (129.15 mM; Need ultrasonic and warming)			
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg
		1 mM	4.3051 mL	21.5257 mL
		5 mM	0.8610 mL	4.3051 mL
		10 mM	0.4305 mL	2.1526 mL
	*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液。一旦配成溶液, 请分装保存, 避免反复冻融造成的产品失效。 储备液的保存方式和期限: -80°C, 6 months; -20°C, 1 month。 -80°C 储存时, 请在 6 个月内使用, -20°C 储存时, 请在 1 个月内使用。			
References	[1]. Sharma RK, et al. Effect of parbendazole and piperazine adipate on the activity of some enzymes of Ascaridia galli and Heterakis gallinae. Vet Parasitol. 1987 May;24(3-4):211-20.			

源叶生物