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产品名称: 妥曲珠利砒
产品别名: Toltrazuril sulfone; Ponazuril

生物活性:

Description	Toltrazuril sulfone is an antiprotozoal agent that acts upon Coccidia parasites. IC50 Value: Target: Antiparasitic Ponazuril (INN, Toltrazuril sulfone), sold by the Bayer Corporation under the trade name Marquis, is a drug currently approved for the treatment of equine protozoal myeloencephalitis in horses, caused by Sarcocystis neurona. More recently, veterinarians have been preparing a formulary version of the medication for use in small animals such as cats and dogs against coccidia, an intestinal parasite. Coccidia treatment is far shorter than treatment for EPM. Ponazuril (INN, Toltrazuril sulfone) is useful for Antiprotozoal.				
Solvent&Solubility	In Vitro: DMSO : ≥ 33 mg/mL (72.15 mM) * "≥" means soluble, but saturation unknown.				
	Preparing Stock Solutions	<div>Solvent / Mass Concentration</div>	1 mg	5 mg	10 mg
		1 mM	2.1864 mL	10.9318 mL	21.8637 mL
		5 mM	0.4373 mL	2.1864 mL	4.3727 mL
		10 mM	0.2186 mL	1.0932 mL	2.1864 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	<p>[1]. Pharmacokinetics of ponazuril after oral administration to healthy llamas (Lama glama) By Prado, Maria E.; Ryman, Josiah T.; Boileau, Melanie J.; Martin-Jimenez, Tomas; Meibohm, Bernd From American Journal of Veterinary Research (2011), 72(10), 1386-1389</p> <p>[2]. Dirikolu L, Karpiesiuk W, Lehner AF, Tobin T. Toltrazuril sulfone sodium salt: synthesis, analytical detection, and pharmacokinetics in the horse. J Vet Pharmacol Ther. 2012 Jun;35(3):265-74. doi: 10.1111/j.1365-2885.2011.01315.x.</p> <p>[3]. Lim JH, Kim MS, Hwang YH, Song IB, Park BK, Yun HI. Pharmacokinetics of toltrazuril and its metabolites, toltrazuril sulfoxide and toltrazuril sulfone, after a single oral administration to pigs. J Vet Med Sci. 2010 Aug;72(8):1085-7.</p> <p>[4]. Dirikolu L, Yohn R, Garrett EF, Chakkath T, Ferguson DC. Detection, quantifications and pharmacokinetics of toltrazuril sulfone (Ponazuril) in cattle. J Vet Pharmacol Ther. 2009 Jun;32(3):280-8.</p> <p>[5]. Dirikolu L, Karpiesiuk W, Lehner AF, Hughes C, Granstrom DE, Tobin T. Synthesis and detection of toltrazuril sulfone and its pharmacokinetics in horses following administration in dimethylsulfoxide. J Vet Pharmacol Ther. 2009 Aug;32(4):368-78.</p>				