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产品名称: **alpha-(1-萘甲基)-2-四氢呋喃丙酸二乙胺基乙基酯草酸盐**
产品别名: **Naftidrofuryl oxalate; Nafronyl oxalate salt; 草酸萘呋胺**

生物活性:				
Description	Naftidrofuryl oxalate (Nafronyl oxalate salt) is a drug used in the management of peripheral and cerebral vascular disorders as a vasodilator, enhance cellular oxidative capacity, and may also be a 5-HT2 receptor antagonist.			
IC ₅₀ & Target	5-HT2 receptor			
In Vitro	<p>Naftidrofuryl oxalate (Nafronyl oxalate salt) may be effective for relieving the pain of muscle cramps[1].</p> <p>Naftidrofuryl oxalate (Nafronyl oxalate salt) is the only vasoactive drug for peripheral arterial disease (PAD) which is likely to be cost-effective[2].</p> <p>Naftidrofuryl oxalate (Nafronyl oxalate salt) is ranked first for both maximum walking distance (MWD) and pain-free walking distance (PFWD) (probability of 0.947 and 0.987, respectively, of being the best treatment) followed by cilostazol and pentoxifylline. Naftidrofuryl oxalate (Nafronyl oxalate salt) is effective treatments for claudication, Naftidrofuryl oxalate is likely to be the most effective, with minimal serious adverse events[3].</p>			
Solvent&Solubility	In Vitro: DMSO : 10 mg/mL (21.12 mM; Need ultrasonic and warming)			
		<div>Solvent / Mass / Concentration</div>	1 mg	5 mg
	Preparing	1 mM	2.1117 mL	10.5583 mL
	Stock Solutions	5 mM	0.4223 mL	2.1117 mL
		10 mM	0.2112 mL	1.0558 mL
<p>*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。</p> <p>储备液的保存方式和期限: -80℃, 6 months; -20℃, 1 month. -80℃ 储存时, 请在 6 个月内使用, -20℃ 储存时, 请在 1 个月内使用。</p>				
References	<p>[1]. Naftidrofuryl</p> <p>[2]. Meng Y, et al. Cost-effectiveness of cilostazol, naftidrofuryl oxalate, and pentoxifylline for the treatment of intermittent claudication in people with peripheral arterial disease. Angiology. 2014 Mar;65(3):190-197.</p> <p>[3]. Stevens JW, et al. Systematic review of the efficacy of cilostazol, naftidrofuryl oxalate and pentoxifylline for the treatment of intermittent claudication. Br J Surg. 2012 Dec;99(12):1630-1638.</p>			