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产品名称: **FT011**
产品别名: **FT011**

生物活性:					
Description	FT011 is an anti-fibrotic agent, reduces mRNA expression of collagens I and III and inhibits collagen synthesis[1].				
In Vivo	FT011 (100 mg/kg b.i.d., p.o., for 4 weeks) improves the cardiac function and and myocardial remodeling in myocardial infarction rats[1].				
	Animal Model:	Seventy male Sprague Dawley (SD) rats (weighing 200-250 g)[1]			
	Dosage:	100 mg/kg			
	Administration:	B.I.D., p.o. on day 7 after surgery, for 4 weeks			
	Result:	Increased ejection fraction, fraction shortening and preload recruitable stroke work.			
Solvent&Solubility	In Vitro: DMSO : ≥ 29 mg/mL (82.54 mM) * "≥" means soluble, but saturation unknown.				
	Preparing Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg	10 mg
		1 mM	2.8462 mL	14.2308 mL	28.4616 mL
		5 mM	0.5692 mL	2.8462 mL	5.6923 mL
		10 mM	0.2846 mL	1.4231 mL	2.8462 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]. Zhang Y, et al. A new anti-fibrotic drug attenuates cardiac remodeling and systolic dysfunction following experimental myocardial infarction. Int J Cardiol. 2013 Sep 30;168(2):1174-85.				