

产品名称：磷霉素钙
产品别名：Fosfomycin calcium

生物活性:					
Description	Fosfomycin calcium (MK-0955 calcium) is a blood-brain barrier penetrating, broad-spectrum antibiotic by irreversibly inhibiting an early stage in cell wall synthesis. Fosfomycin calcium (MK-0955 calcium) shows both in vivo and in vitro activity against a wide range of bacteria, including multidrug-resistant (MDR), extensively drug-resistant (XDR), and pan-drug-resistant (PDR) bacteria[1].				
Solvent&Solubility	In Vitro: H ₂ O : 3.33 mg/mL (18.91 mM; Need ultrasonic and warming)				
	Preparing Stock Solutions	<div><div>Solvent</div><div>Mass</div><div>Concentration</div></div>	1 mg	5 mg	10 mg
		1 mM	5.6779 mL	28.3897 mL	56.7795 mL
		5 mM	1.1356 mL	5.6779 mL	11.3559 mL
		10 mM	0.5678 mL	2.8390 mL	5.6779 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	[1]. Dijkmans AC, et al. Fosfomycin: Pharmacological, Clinical and Future Perspectives. Antibiotics (Basel). 2017 Oct 31;6(4). pii: E24.				

源叶生物