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产品名称: 阿莫西林钠

产品别名: **Amoxicillin sodium; Amoxycillin sodium**

生物活性:				
Description	Amoxicillin sodium (Amoxycillin sodium) is a moderate- spectrum, bacteriolytic, β -lactam antibiotic. Target: Antibacterial Amoxicillin Sodium is a moderate-spectrum, bacteriolytic, β -lactam antibiotic in the aminopenicillin family used to treat bacterial infections caused by susceptible Gram-positive and Gram-negative microorganisms. It is usually the drug of choice within the class because it is better-absorbed, following oral administration, than other β -lactam antibiotics. Amoxicillin Sodium is susceptible to degradation by β -lactamase-producing bacteria, which are resistant to a narrow spectrum of β -lactam antibiotics, such as penicillin. For this reason, it is often combined with clavulanic acid, a β -lactamase inhibitor. This increases effectiveness by reducing its susceptibility to β -lactamase resistance. From Wikipedia.			
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Solvent&Solubility	In Vitro: DMSO : ≥ 39 mg/mL (100.67 mM) * " $\geq$ " means soluble, but saturation unknown.			
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg
		1 mM	2.5814 mL	12.9069 mL
		5 mM	0.5163 mL	2.5814 mL
		10 mM	0.2581 mL	1.2907 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]. http://en.wikipedia.org/wiki/Amoxicillin			