

产品名称：比阿培南  
产品别名：Biapenem

生物活性:					
Description	Biapenem (CLI 86815; L 627; LJC 10627) a parenteral carbapenem antibacterial agent with a broad spectrum.				
IC <sub>50</sub> & Target	Antibacterial[1].				
In Vitro	Biapenem (CLI 86815) is a carbapenem antibiotic of in vitro antibacterial activity encompassing many Gramnegative and Gram-positive aerobic and anaerobic bacteria, including species producing β-lactamases. Biapenem (CLI 86815) is more stable than imipenem, mero-penem and panipenem to hydrolysis by human renal dihydropeptidase-I (DHP-I), and therefore does not require the coadministration of a DHP-I inhibitor. In randomised, nonblind or double-blind clinical trials, biapenem showed good clinical and bacteriological efficacy (similar to that of imipenem/ cilastatin) in the treatment of adult patients with intra-abdominal infections, lower respiratory infections or complicated urinary tract infections.				
Solvent&Solubility	<b>In Vitro:</b> H <sub>2</sub> O : 10 mg/mL (28.54 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
		1 mM	2.8540 mL	14.2698 mL	28.5396 mL
		5 mM	0.5708 mL	2.8540 mL	5.7079 mL
		10 mM	0.2854 mL	1.4270 mL	2.8540 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]. Perry, C.M. and T. Ibbotson, Biapenem. Drugs, 2002. 62(15): p. 2221-34; discussion 2235.</p> <p>[2]. Kasahara, S., et al., [Clinical effects of biapenem on febrile neutropenia in patients with hematological malignancy]. Jpn J Antibiot, 2008. 61(3): p. 115-21.</p>				