

产品名称：克拉夫定
产品别名：Clevudine

生物活性:				
Description	<p>Clevudine is an antiviral drug for the treatment of hepatitis B. Target: HBV Clevudine is a nucleoside analog with an unnatural beta-L configuration. Clevudine showed potent antiviral activity during therapy and induced a sustained posttreatment antiviral effect for 6 months after a 12-week treatment period, and this was associated with a sustained normalization of ALT levels [1]. Clevudine showed a potent antiviral response, and its effect was higher in HBeAg-negative patients, with rapid viral load reduction after therapy. However, long-term therapy for more than 1 year resulted in the development of considerable resistance and myopathy. Therefore, we should consider alternative antiviral agents if clevudine resistance or clevudine-induced myopathy is developed in patients on clevudine for the treatment of CHB [2].</p>			
Solvent&Solubility	<p><i>In Vitro:</i></p> <p>DMSO : ≥ 50 mg/mL (192.15 mM)</p> <p>* "≥" means soluble, but saturation unknown.</p>			
	<div>Preparing Stock Solutions</div>	<div>Solvent / Mass Concentration</div>	1 mg	5 mg
		1 mM	3.8429 mL	19.2145 mL
		5 mM	0.7686 mL	3.8429 mL
		10 mM	0.3843 mL	1.9215 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]. <u>Lee, H.S., et al., A 12-week clevudine therapy showed potent and durable antiviral activity in HBeAg-positive chronic hepatitis B. Hepatology, 2006. 43(5): p. 982-8.</u></p> <p>[2]. <u>Jang, J.H., et al., Clevudine for chronic hepatitis B: antiviral response, predictors of response, and development of myopathy. J Viral Hepat, 2011. 18(2): p. 84-90.</u></p>			