



上海源叶生物科技有限公司
Shanghai yuanye Bio-Technology Co., Ltd
电话: 021-61312973 传真: 021-55068248
网址: www.shyuanye.com
邮箱: shyysw@sina.com

产品名称: **BMS-663068**
产品别名: **Fostemsavir**

生物活性:				
Description	Fostemsavir (BMS-663068) is the phosphonooxymethyl prodrug of BMS-626529. Fostemsavir (BMS-663068) is a novel attachment inhibitor that targets HIV-1 gp120 and prevents its binding to CD4 ⁺ T cells.			
IC ₅₀ & Target	HIV-1[1]			
In Vivo	Fostemsavir (BMS-663068) has good antiviral activity in subjects infected with virus shown to be susceptible (IC ₅₀ , <100 nM) to the agent[1].			
Solvent&Solubility	In Vitro: DMSO : ≥ 100 mg/mL (171.38 mM) H₂O : 20 mg/mL (34.28 mM; Need ultrasonic) * "≥" means soluble, but saturation unknown.			
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg
		1 mM	1.7138 mL	8.5691 mL
		5 mM	0.3428 mL	1.7138 mL
		10 mM	0.1714 mL	0.8569 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]. Nowicka-Sans B, et al. In vitro antiviral characteristics of HIV-1 attachment inhibitor BMS-626529, the active component of the prodrug BMS-663068. Antimicrob Agents Chemother. 2012 Jul;56(7):3498-507.			