



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: **PI3K α inhibitor 1**
产品别名: **BEBT-908**

生物活性:					
Description	BEBT-908 (PI3K α inhibitor 1) is a selective PI3K α inhibitor extracted from patent US/20120088764A1, Compound 243, has an IC_{50} < 0.1 μ M, PI3K α inhibitor 1 also inhibits HDAC (0.1 μ M $\leq$ IC_{50} $\leq$ 1 μ M) .				
IC ₅₀ & Target	PI3K α	HDAC			
	0.1 μ M (IC ₅₀)	0.1 μ M (IC ₅₀)			
Solvent&Solubility	<i>In Vitro:</i>				
	DMSO : $\geq$ 37 mg/mL (72.90 mM)				
	* " $\geq$ " means soluble, but saturation unknown.				
	Preparing Stock Solutions	Solvent / Mass Concentration	1 mg	5 mg	10 mg
		1 mM	1.9702 mL	9.8509 mL	19.7017 mL
		5 mM	0.3940 mL	1.9702 mL	3.9403 mL
		10 mM	0.1970 mL	0.9851 mL	1.9702 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℃, 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。					
References	[1]. Cai Xiong, et al. Deazapurines, thienopyrimidines and furopyrimidines as phosphoinositide 3-kinase inhibitors with a zinc binding moiety and their preparation and use in the treatment of diseases. From U.S. Pat. Appl. Publ. (2012), US 20120088764 A1 20120412.				

源叶生物