



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: **Belizatinib**
产品别名: **TSR-011**

生物活性:				
Description	Belizatinib is an oral, dual, potent inhibitor of ALK and TRKA, TRKB, and TRKC, with IC ₅₀ of 0.7 nM for wild-type recombinant ALK kinase.			
IC ₅₀ & Target	IC ₅₀ : 0.7 nM (ALK)[1]			
In Vitro	TSR-011 has antitumour activity in the clinical trials.			
In Vivo	TSR-011 exerts sustained potent inhibition of ALK-dependent tumour growth in mouse models[1].			
Solvent&Solubility	In Vitro: DMSO : ≥ 300 mg/mL (519.27 mM) * "≥" means soluble, but saturation unknown.			
	<div>Preparing Stock Solutions</div>	<div>Solvent / Mass Concentration</div>	1 mg	5 mg
		1 mM	1.7309 mL	8.6546 mL
		5 mM	0.3462 mL	1.7309 mL
		10 mM	0.1731 mL	0.8655 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]. Sullivan I, et al. ALK inhibitors in non-small cell lung cancer: the latest evidence and developments. Ther Adv Med Oncol. 2016 Jan;8(1):32-47.			

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