



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: **CDK9-IN-1**

产品别名: **CDK9-IN-1**

生物活性:				
Description	CDK9-IN-1 is a novel, selective CDK9 inhibitor for the treatment of HIV infection, with an IC ₅₀ of 39 nM for CDK9/CycT1, extracted from reference, compound 87.			
IC ₅₀ & Target	CDK9/CycT1			
	39 nM (IC ₅₀)			
In Vitro	CDK9-IN-1 is a potent CDK9 inhibitor that shows high activity against HIV-1 replication ^[1] .			
Solvent&Solubility	In Vitro: DMSO : 25 mg/mL (50.05 mM; Need ultrasonic) H₂O : < 0.1 mg/mL (insoluble)			
	<div>Preparing Stock Solutions</div>	<div>Solvent / Mass Concentration</div>	1 mg	5 mg
		1 mM	2.0018 mL	10.0092 mL
		5 mM	0.4004 mL	2.0018 mL
		10 mM	0.2002 mL	1.0009 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]. Nemeth G, et al. Novel, selective CDK9 inhibitors for the treatment of HIV infection. Curr Med Chem. 2011;18(3):342-358.			

源叶生物