



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: **Mutant IDH1-IN-1**

产品别名: **Mutant IDH1-IN-1**

生物活性:				
Description	Mutant IDH1-IN-1 is a mutant-selective IDH1 inhibitor with with IC ₅₀ s of 4, 42, 80 and 143 nM against mutant IDH1 R132C/R132C, IDH1 R132H/R132H, IDH1 R132H/WT and wild type IDH1, respectively.			
IC ₅₀ & Target	IC ₅₀ : 4 nM (IDH1 R132C/R132C), 42 nM (IDH1 R132H/R132H), 80 nM (IDH1 R132H/WT), 143 nM (IDH1 wild type) ^[1]			
Solvent&Solubility	In Vitro: DMSO : ≥ 45 mg/mL (90.25 mM) * "≥" means soluble, but saturation unknown.			
	<div>Preparing Stock Solutions</div>	<div>Solvent / Mass Concentration</div>	1 mg	5 mg
		1 mM	2.0057 mL	10.0283 mL
		5 mM	0.4011 mL	2.0057 mL
		10 mM	0.2006 mL	1.0028 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]. Deng G, et al. Selective inhibition of mutant isocitrate dehydrogenase 1 (IDH1) via disruption of a metal binding network by an allosteric small molecule. J Biol Chem. 2015 Jan 9;290(2):762-74.			

源叶生物