



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: **SZL P1-41**
产品别名: **SZL P1-41**

生物活性:				
Description	SZL P1-41 is a specific Skp2 inhibitor, binds to the F-box domain of Skp2 to prevent Skp1 association and Skp2 SCF complex formation. SZL P1-41, like Skp2 deficiency, augments p27-mediated apoptosis/senescence, while it impairs Akt-driven glycolysis. Anti-tumor activities[1][2].			
IC ₅₀ & Target	Skp2[1]			
In Vitro	SZL P1-41 (5-20μM; 24 hours) induces endogenous p27 protein expression in PC3 cells and also induced expression of p21, another Skp2 substrate[1].			
In Vivo	SZL P1-41 (40-80 mg/kg; i.p.) displays a potent effect on inhibiting prostate and lung tumor growth in Nude mice bearing A549 and PC3 tumor xenografts[1].			
Solvent&Solubility	In Vitro: DMSO : 4.3 mg/mL (10.23 mM; Need ultrasonic and warming)			
		Solvent / Mass / Concentration	1 mg	5 mg
	Preparing	1 mM	2.3780 mL	11.8900 mL
	Stock Solutions	5 mM	0.4756 mL	2.3780 mL
		10 mM	0.2378 mL	1.1890 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]. Chan CH et al. Pharmacological inactivation of Skp2 SCF ubiquitin ligase restricts cancer stem cell traits and cancer progression. Cell. 2013 Aug 1;154(3):556-68. [2]. Chan CH, et al. Skp2: a dream target in the coming age of cancer therapy. Cell Cycle. 2014;13(5):679-80.			