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产品名称: UKI-1
产品别名: UKI-1

生物活性:				
Description	UKI-1 is a novel synthetic inhibitor of the urokinase-type plasminogen activator system. It can also inhibits the invasive capacity of carcinoma cells. (Ki=0.41 μ M) In vitro : A decrease of tumor cell invasion by up to 50% was achieved in both models with the SCCHN line FaDu and the cervical carcinoma line HeLa after treatment with UK1.			
Solvent&Solubility	In Vitro: DMSO : $\geq$ 28 mg/mL (45.62 mM) * " $\geq$ " means soluble, but saturation unknown.			
	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg
		1 mM	1.6292 mL	8.1458 mL
		5 mM	0.3258 mL	1.6292 mL
		10 mM	0.1629 mL	0.8146 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]. Ertongur S et al. Inhibition of the invasion capacity of carcinoma cells by WX-UK1, a novel synthetic inhibitor of the urokinase-type plasminogen activator system. Int J Cancer. 2004 Jul 20;110(6):815-24. [2]. Ewa Zeslawska et al. Crystals of the urokinase type plasminogen activator variant β c-uPA in complex with small molecule inhibitors open the way towards structure-based drug design. J Mol Biol. 2000 Aug 11;301(2):465-75.			