



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: 4-甲基-3-[2-[[2-(4-吗啉基)乙基]氨基]-6-噻唑啉基]-N-[3-(三氟甲基)苯基]苯甲酰胺
产品别名: AMG-47a

生物活性:				
Description	AMG-47a is a potent inhibitor of Lck and T cell proliferation; exhibits anti-inflammatory activity (ED50 = 11 mg/kg) in the anti-CD3 induced production of IL-2 in mice. IC50 value: Target: Lck inhibitor In several other in vitro assays, AMG-47a displays subnanomolar inhibition against Lck, and low (<10 nM) inhibition against other hard to inhibit kinases such as KDR and SRC and MAPK α (p38 α). In addition, at slightly higher doses but well under 10 μ M, AMG-47a effectively inhibits the JNK family of kinases including TYK2 at ~ 1.2 μ M. AMG-47a selectively reduced the levels of EGFP-KRASG12V protein but did not affect EGFP protein in cells.			
Solvent&Solubility	In Vitro: DMSO : \geq 34 mg/mL (63.48 mM) <small>* "\geq" means soluble, but saturation unknown.</small>			
	<div>Preparing Stock Solutions</div>	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg
		1 mM	1.8672 mL	9.3360 mL
		5 mM	0.3734 mL	1.8672 mL
		10 mM	0.1867 mL	0.9336 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]. Carver J, et al. A high-throughput assay for small molecule destabilizers of the KRAS oncoprotein. PLoS One. 2014 Aug 5;9(8):e103836.			