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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) * " \geq " means soluble, but saturation unknown.				
		Solvent	Mass	Concentration	
	Preparing		1 mg	5 mg	10 mg
	Stock Solutions		1 mM	5 mM	10 mM
			1.8672 mL	9.3360 mL	18.6720 mL
			0.3734 mL	1.8672 mL	3.7344 mL
			0.1867 mL	0.9336 mL	1.8672 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.				