



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: (3R,5S,7AS)-[3,5-二(4-氟苯基)四氢-1H-恶唑并[3,4-C]恶唑-7A-基]甲醇

产品别名: TH-237A; meso-GS 164

生物活性:				
Description	TH-237A(meso-GS 164) is a novel neuroprotective agent exhibiting favorable permeation across the blood brain barrier. IC50 value: 5 nM (EC50, concentration that leads to a 50% increase in neuronal survival in the presence of the A β peptides) Target: Primary neurons were isolated from embryonic Sprague-Dawley rats, grown in culture (Michaelis et al., 1994) and exposed to either A β 25-35 or A β 1-42 in the presence or absence of TH-237A at concentrations ranging from 0.5 to 60 nM. The neurons were treated with TH-237A for 2 hours prior to exposure to the A β peptides. Changes in neuronal survival following treatment with TH 237A were evaluated using the Live/Dead assay. The EC50 for TH-237A was 5 nM, demonstrating that it had excellent neuroprotective properties.			
Solvent&Solubility	In Vitro: DMSO : \geq 46 mg/mL (138.00 mM) * " \geq " means soluble, but saturation unknown.			
		<div>SolventMassConcentration</div>	1 mg	5 mg
	Preparing	1 mM	3.0000 mL	15.0002 mL
	Stock Solutions	5 mM	0.6000 mL	3.0000 mL
		10 mM	0.3000 mL	1.5000 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]. Kelly E. Desino, Improving Blood Brain Barrier Permeation of Small Molecules Exhibiting Chemotherapeutic and Neuroprotective Effects.			