



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: **AZ876**

产品别名: **AZ876**

生物活性:				
Description	AZ876 is a novel high-affinity LXR agonist. AZ876 was 25-fold and 2.5-fold more potent than GW3965 (HY-10627) on human (h)LXR α and hLXR β respectively. (1) AZ876 suppressed up-regulation of hypertrophy- and fibrosis-related genes, and further inhibited prohypertrophic and profibrotic transforming growth factor β (TGF β)-Smad2/3 signalling. (2) AZ876 prevented TGF β - and angiotensin II-induced fibroblast collagen synthesis, and inhibited up-regulation of the myofibroblastic marker, α -smooth muscle actin. (3) The reference for administration is 20 μ mol/kg/day in vivo.			
Solvent&Solubility	In Vitro: DMSO : $\geq$ 2.6 mg/mL (5.91 mM) * " $\geq$ " means soluble, but saturation unknown.			
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg
		1 mM	2.2750 mL	11.3748 mL
		5 mM	0.4550 mL	2.2750 mL
		10 mM	---	---
	*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]. Cannon MV et al. The liver X receptor agonist AZ876 protects against pathological cardiac hypertrophy and fibrosis without lipogenic side effects. Eur J Heart Fail. 2015 Mar;17(3):273-82. [2]. van der Hoorn J et al. Low dose of the liver X receptor agonist, AZ876, reduces atherosclerosis in APOE*3Leiden mice without affecting liver or plasma triglyceride levels. Br J Pharmacol. 2011 Apr;162(7):1553-63.			