



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: **LGD-6972**
产品别名: **LGD-6972**

生物活性:				
Description	LGD-6972 is a glucagon receptor antagonist.			
In Vivo	LGD-6972 has linear plasma pharmacokinetics consistent with once daily dosing that is comparable in healthy and T2DM subjects. Dose-dependent decreases in fasting plasma glucose are observed in all groups with a maximum of 3.15 mM (56.8 mg/dL) on day 14 in T2DM subjects. LGD-6972 also reduces plasma glucose in the postprandial state. Dose-dependent increases in fasting plasma glucagon are observed, but glucagon levels decrease and insulin levels increase after an oral glucose load in T2DM subjects. LGD-6972 is well tolerated at the doses tested without dose-related or clinically meaningful changes in clinical laboratory parameters. No subject experiences hypoglycaemia[1].			
Solvent&Solubility	In Vitro: DMSO : ≥ 31 mg/mL (44.10 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	1.4227 mL	7.1134 mL
		5 mM	0.2845 mL	1.4227 mL
		10 mM	0.1423 mL	0.7113 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]. Vajda EG, et al. Pharmacokinetics and pharmacodynamics of single and multiple doses of the glucagon receptor antagonist LGD-6972 in healthy subjects and subjects with type 2 diabetes mellitus. Diabetes Obes Metab. 2017 Jan;19(1):24-32.			