



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: **Saxagliptin**
产品别名: 沙格列汀; **BMS-477118**

生物活性:					
Description		Saxagliptin is an orally active dipeptidyl peptidase-4 (DPP4) inhibitor that helps control blood sugar levels.			
Solvent&Solubility	<i>In Vitro:</i> DMSO : ≥ 34 mg/mL (107.80 mM) H₂O : 10 mg/mL (31.70 mM; Need ultrasonic) * "≥" means soluble, but saturation unknown.				
	Preparing Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg	10 mg
		1 mM	3.1705 mL	15.8524 mL	31.7048 mL
		5 mM	0.6341 mL	3.1705 mL	6.3410 mL
		10 mM	0.3170 mL	1.5852 mL	3.1705 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]. Tahrani AA, et al. Saxagliptin: a dipeptidyl peptidase-4 inhibitor in the treatment of type 2 diabetes mellitus By Dave, Darshan J. From Journal of Pharmacology and Pharmacotherapeutics (2011), 2(4), 230-235.				
	[2]. Richter B, et al. Emerging role of dipeptidyl peptidase-4 inhibitors in the management of type 2 diabetes. Vasc Health Risk Manag. 2008;4(4):753-68.				
	[3]. Deacon CF, et al. Saxagliptin: a new dipeptidyl peptidase-4 inhibitor for the treatment of type 2 diabetes. Adv Ther. 2009 May;26(5):488-99.				
	[4]. Augeri DJ, et al. Discovery and preclinical profile of Saxagliptin (BMS-477118): a highly potent, long-acting, orally active dipeptidyl peptidase IV inhibitor for the treatment of type 2 diabetes. J Med Chem. 2005 Jul 28;48(15):5025-37.				