



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](http://www.shyuanye.com)  
邮箱: [shyysw@sina.com](mailto:shyysw@sina.com)

产品名称: **DGAT1-IN-1**  
产品别名: **DGAT1-IN-1**

生物活性:				
Description	DGAT1-IN-1 is a potent DGAT1 inhibitor with IC50 of < 10 nM(cell lysate from Hep3B cells overexpressing human DGAT1). IC50 value: < 10 nM Target: DGAT1 inhibitor Imidazopyridine and imidazothiazole compounds as inhibitors of diacylglycerol o-acyltransferase type 1 enzyme and their preparation By Kim, Dooseop; Bok, Juhan; Shin, Sunmi From PCT Int. Appl. (2013), WO 2013119040 A1 20130815.			
Solvent&Solubility	<b>In Vitro:</b> <b>DMSO : 20 mg/mL (36.26 mM; Need ultrasonic)</b> <b>H<sub>2</sub>O : &lt; 0.1 mg/mL (insoluble)</b>			
	Preparing Stock Solutions	<div>Solvent Mass Concentration</div>	1 mg	5 mg
		1 mM	1.8130 mL	9.0652 mL
		5 mM	0.3626 mL	1.8130 mL
		10 mM	0.1813 mL	0.9065 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℃, 6 months; -20℃, 1 month。 -80℃ 储存时, 请在 6 个月内使用, -20℃ 储存时, 请在 1 个月内使用。			
References	[1]. Compounds as inhibitors of diacylglycerol o-acyltransferase type 1 enzyme , Patent: WO 2013119040 A1			

源叶生物