

产品名称: FPH2  
产品别名: BRD-9424

生物活性:				
Description	FPH2 induces functional proliferation of primary human hepatocytes and may lead to the development of new therapeutics for liver diseases.			
In Vitro	FPH2 induces functional proliferation of hepatocytes in vitro, and thus may be useful for expanding mature human primary hepatocytes. FPH1 and FPH2 can increase in hepatocyte nuclei count and/or elevate the number of nuclei undergoing mitosis during primary screening, and these effects on hepatocytes are concentration dependent. Cells treated with FPH1 and FPH2 also maintain their liver-specific functions. Over 7 days, FPH2 induces hepatocyte doublings at a rate that is consistent with reported liver regeneration kinetics in vivo[1].			
Solvent&Solubility	<b>In Vitro:</b> <b>DMSO : <math>\geq 125</math> mg/mL (353.28 mM)</b>  * ">" means soluble, but saturation unknown.			
	<div>Preparing Stock Solutions</div>	<div>Solvent Mass Concentration</div>	1 mg	5 mg
		1 mM	2.8262 mL	14.1311 mL
		5 mM	0.5652 mL	2.8262 mL
		10 mM	0.2826 mL	1.4131 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]. Shan J, et al. Identification of small molecules for human hepatocyte expansion and iPS differentiation. Nat Chem Biol. 2013 Aug;9(8):514-20.			

源叶生物