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产品名称: IDO-IN-1  
产品别名: IDO-IN-1

生物活性:					
Description		IDO-IN-1 is a potent indoleamine 2,3-dioxygenase (IDO) inhibitor with an IC50 of 59 nM.			
IC50 & Target	IDO	IDO			
	59 nM (IC50)	12 nM (IC50, in HeLa cell)			
In Vitro		IDO-IN-1 (Compound 5m) is a potent (HeLa IC50=12 nM) inhibitor of IDO[1].			
Solvent&Solubility	<b><i>In Vitro:</i></b> <b>DMSO : ≥ 682 mg/mL (2157.61 mM)</b>  * "≥" means soluble, but saturation unknown.				
	<b>Preparing Stock Solutions</b>	<div>Solvent / Mass Concentration</div>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		1 mM	3.1637 mL	15.8183 mL	31.6366 mL
		5 mM	0.6327 mL	3.1637 mL	6.3273 mL
		10 mM	0.3164 mL	1.5818 mL	3.1637 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]. Yue EW, et al. Discovery of potent competitive inhibitors of indoleamine 2,3-dioxygenase with in vivo pharmacodynamic activity and efficacy in a mouse melanoma model. J Med Chem. 2009 Dec 10;52(23):7364-7.					

源叶生物