

产品名称: JNK Inhibitor IX  
产品别名: TCS JNK 5a

生物活性:					
Description	TCS JNK 5a is a potent JNK3 inhibitor with a pIC50 of 6.7. TCS JNK 5a also inhibits JNK2 with a pIC50 of 6.5.				
IC <sub>50</sub> & Target	JNK3	JNK2			
	6.7 (pIC <sub>50</sub> )	6.5 (pIC <sub>50</sub> )			
In Vitro	TCS JNK 5a is also screened in a panel of more than 30 kinase assays, including Alk5, c-Fms, CDK-2, EGFR, ErbB2, GSK3β, PLK1, Src, Tie-2 and VegFr2, and is inactive (pIC50<5.0) against all of them[1].				
Solvent&Solubility	<b><i>In Vitro:</i></b>				
	<b>DMSO : ≥ 51 mg/mL (153.42 mM)</b>				
	* "≥" means soluble, but saturation unknown.				
	Preparing  Stock Solutions	<div>Solvent / Mass Concentration</div>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		1 mM	3.0082 mL	15.0412 mL	30.0824 mL
		5 mM	0.6016 mL	3.0082 mL	6.0165 mL
		10 mM	0.3008 mL	1.5041 mL	3.0082 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]. Angell RM, et al. N-(3-Cyano-4,5,6,7-tetrahydro-1-benzothien-2-yl)amides as potent, selective, inhibitors of JNK2 and JNK3. Bioorg Med Chem Lett. 2007 Mar 1;17(5):1296-301.				

源叶生物