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产品名称: DprE1-IN-2

产品别名: DprE1-IN-2

生物活性:						
Description		DprE1-IN-2 (compound 18) is a potent DprE1 inhibitor with an IC <sub>50</sub> of 28 nM. DprE1-IN-2 has antituberculosis effect <sup>[1]</sup> .				
IC <sub>50</sub> & Target		DprE1[1]				
In Vivo		DprE1-IN-2 (compound 18; oral; 100 mg/kg) has t1/2 of 0.9 hours and Cmax of 70 μM in BALB/c Mice[1].				
		Animal Model:	BALB/c Mice[1]			
		Dosage:	100 mg/kg			
		Administration:	Oral			
		Result:	Had t <sub>1/2</sub> of 0.9 hours and C <sub>max</sub> of 70 μM.			
Solvent&Solubility		In Vitro:				
		DMSO : ≥ 33 mg/mL (89.57 mM)				
		* "≥" means soluble, but saturation unknown.				
		Preparing Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg	10 mg
			1 mM	2.7142 mL	13.5711 mL	27.1422 mL
			5 mM	0.5428 mL	2.7142 mL	5.4284 mL
			10 mM	0.2714 mL	1.3571 mL	2.7142 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]. Shirude PS et al. Lead optimization of 1,4-azaindoles as antimycobacterial agents. J Med Chem. 2014 Jul 10;57(13):5728-37.				