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产品名称: DUBs-IN-2
产品别名: DUBs-IN-2

生物活性:				
Description	DUBs-IN-2 is a potent deubiquitinase inhibitor with an IC ₅₀ of 0.28 μM for USP8.			
IC ₅₀ & Target	IC ₅₀ : 0.28 μM (USP8)[1]			
In Vitro	DUBs-IN-2 (compound 22 e) is a potent USP8 inhibitor with an IC ₅₀ of 0.28 μM, and has no effect on USP7, with an IC ₅₀ of >100 μM. DUBs-IN-2 inhibits the viability of HCT116 colon cell line and PC-3 prostate cancer cell line with IC ₅₀ values of 0.5-1.5 μM[1].			
Solvent&Solubility	In Vitro: DMSO : 9.06 mg/mL (32.91 mM; Need ultrasonic and warming)			
	Preparing Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg
		1 mM	3.6329 mL	18.1646 mL
		5 mM	0.7266 mL	3.6329 mL
		10 mM	0.3633 mL	1.8165 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]. Colombo M, et al. Synthesis and biological evaluation of 9-oxo-9H-indeno[1,2-b]pyrazine-2,3-dicarbonitrile analogues as potential inhibitors of deubiquitinating enzymes. ChemMedChem. 2010 Apr 6;5(4):552-8.			

源叶生物