For Research Use Only SC144



Catalog Number: CM04859

产品信息	Catalog Number: CM04859 CAS号: 895158-95-9 分子式: C ₁₆ H ₁₁ FN ₆ O 主要通点: Apoptosis Interleukin 主要通路: 免疫与炎症 调亡	分子量: 322.3 溶解度: H2O:<1 mg/mL,DMSO:27 mg/mL (83.8 mM),Ethanol:<1 mg/mL	
靶点活性	gp130:< 1 µ M (Cell assay)		
体外活性	SC 144 exhibits potent cytotoxicity against a synergism with both 5-fluorouracil and oxal in oxaliplatin-resistant HTOXAR3 cells is mo and paclitaxel exhibited synergism in MDA- in vitro induces gp130 phosphorylation and abrogation of gp130-associated Stat3 activa induced by gp130 substrates, including IL-6 also down-regulated after SC 144 treatment,	a panel of drug-sensitive and drug-resistant of iplatin when co-treated in colorectal cancer ore effective than oxaliplatin pretreatment. J MB-435 cells with a schedule-dependent blo deglycosylation, resulting in the downregula tion. In addition, SC 144 selectively inhibits and LIF. Protein expression regulated by the including Bcl-2, Bcl-XL, survivin, cyclin D1, N	ancer cell lines. SC 144 shows HT29 cells. Pretreatment with SC 144 In addition, the combination of SC 144 ock in cell cycle. [1] SC 144 treatment ation of surface-bound gp130 and the the downstream signaling activation gp130/Stat3 axis in OVCAR-8 cells is IMP-7, gp130 and Ape1/Rel-1. [2]
体内活性	SC 144 significantly inhibits tumor growth in After SC 144 treatment for two months, gp13 in the tumor site in the treatment group com administration of SC 144 and paclitaxel dela pharmacokinetics of SC 144 reveals that intr pharmacokinetics elimination profile that is	n a mouse xenograft model of human ovaria O, Bcl-2, Bcl-XL, MMP-7 and Ape1/Ref-1 prote pared with the control group. [2] In an MDA- ays tumor growth in an SC 144 dose-depende aperitoneal administration of SC 144 shows s not observed in the oral dosing. [1]	n cancer via i.p. or p.o. administration. in levels are substantially decreased MB-435 mouse xenograft model, co- nt manner. Evaluation of the a two-compartmental
细胞实验	MTT assay (Only for Reference)		
描述	SC 144 is an orally active small-molecule gr	o130 inhibitor.	
储存	Powder: -20°C for 3 years In solvent: -	-80°C for 2 years	