

Catalog Number: CM04688

产品信息	Catalog Number: CM04688 CAS号: 873652-48-3 分子式: C ₂₅ H ₃₄ N ₆ O ₃ S 主要靶点: IAP 主要通路: 凋亡	分子量: 498.64 溶解度: H2O:3 mg/mL (6.01 mM),Ethanol:92 mg/mL (184.5 mM),DMSO:92 mg/mL (184.5 mM)	
靶点活性	XIAP-BIR3:28 nM(Ki) cIAP2-BIR3:43 nM(Ki) XI	IAP-BIR2:112 nM(Ki) MLXBIR3SG:14 nM(Ki) cIAP1-BIR3:17 nM(Ki)	
体外活性	GDC-0152 can block protein-protein interact transfected HEK293T cells, GDC-0152 is show association of ML-IAP, cIAP1, and cIAP2 with abolished by GDC-0152 in melanoma SK-ME cancer cell line, while having no effect on no caspases 3 and 7 in a dose- and time-depend melanoma cells. It effectively induces degra cIAP1.	tions that involve IAP proteins and pro-apoptotic molecules. Using transiently wn to disrupt XIAP binding to partially processed caspase-9 and to disrupt the Smac. The endogenous association of ML-IAP and Smac is effectively also EL28 cells. GDC-0152 lead to a decrease in cell viability in the MDA-MB-231 br ormal human mammary epithelial cells (HMEC). GDC-0152 is found to activat dent manner. GDC-0152 is shown to induce rapid degradation of cIAP1 in A205 adation of cIAP1 at concentrations as low as 10 nM, consistent with its affinity	/ reast ce 58 for
体内活性	GDC-0152 has moderate predicted hepatic cl microsomes. Plasma-protein binding of GDC (81–90%), monkeys (76–85%), and humans plasma-protein binding is observed in rabbi blood-plasma partition ratios of 0.6 to 1.1 in of 53.7 µ M and AUC of 203.5 h·µ M.[1]	learance based on metabolic stability assays conducted using human liver C-0152 is moderate and comparable among mice (88–91%), rats (89–91%), d (75–83%) over the range of concentrations investigated (0.1–100 μ M); highe its (95–96%). GDC-0152 does not preferentially distribute to red blood cells w n all species tested. The pharmacokinetics for GDC-0152 is achieved with a C r	ogs ?r rith max
细胞实验	MDA-MB-231 breast carcinoma cells ar Cell death is assessed using the CellTin treatment.(Only for Reference)	nd HMECs are treated with the indicated concentrations of GDC-015 ter-Glo luminescent cell viability assay 72 h following the start of	52.
描述	GDC-0152 is a potent inhibitor of IAPs.		
储存	Powder: -20°C for 3 years In solvent: -	-80°C for 2 years	