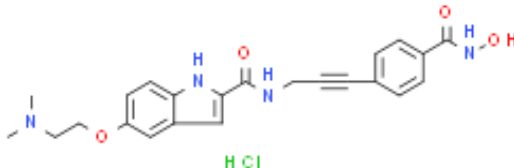


Product Data Sheet

Cas No.:	847459-98-7	Cat. No:	PL04940
Product Name:	CRA-026440 hydrochloride		
Product synonym:	-		
Chemical name:	CRA-026440 hydrochloride		
MF:	C23H25CLN4O4	FW:	456.922004461288
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	C(C1=CC2=CC(OCCN(C)C)=CC=C2N1)(=O)NCC#CC1C=CC(C(=O)NO)=CC=1.Cl		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

CRA-026440 hydrochloride 是一种有效的广谱 HDAC (HDAC) 抑制剂。作用于 HDAC1, HDAC2, HDAC3, HDAC6, HDAC8 和

生物活性	CRA-026440 hydrochloride is a potent, broad-spectrum HDAC (HDAC) inhibitor. The K_i values against recombinant HDAC isoenzymes HDAC1, HDAC2, HDAC3, HDAC6, HDAC8, and HDAC10 are 4 nM, 14 nM, 11 nM, 15 nM, 7 nM, and 20 nM respectively. CRA-026440 hydrochloride shows antitumor and antiangiogenic activities.
IC50 & Target[1][2]	HDAC1 4 nM (IC50) HDAC2 14 nM (IC50)
体外研究(In Vitro)	CRA-026440 hydrochloride 对 HUVEC 内皮细胞具有抗增殖作用, GI50 值为 1.41 μM。 CRA-026440 hydrochloride (0.1-10 μM; 18 小时) 导致乙酰化组蛋白和乙酰化微管蛋白的积累, 从而抑制肿瘤细胞生长并诱导细胞凋亡。 CRA-026440 hydrochloride (0.1-10 μM; 5 天) 以剂量依赖性方式抑制离体血管生成。 has not independently confirmed the accuracy of these methods. They are for reference only. Western Blot Analysis
体内研究(In Vivo)	CRA-026440 hydrochloride (100 mg/kg; 静脉注射; 每天; 连续三天) 导致携带 HCT116 或 U937 人肿瘤异种移植物的小鼠肿瘤生长显著减少。 has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model: HCT-116 tumor-bearing nude mice

包装储存	Powder -20°C 3 years; 4°C 2 years
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