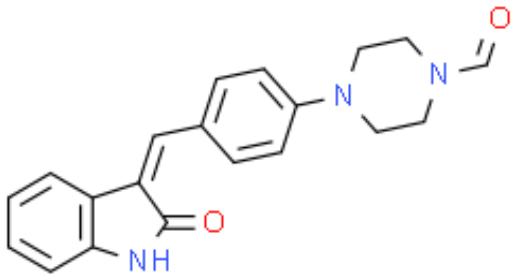
Product Data Sheet

Cas No.:	186610-89-9	Cat. No:	PL02363
Product Name:	SU4984		
Product synonym:	-		
Chemical name:	SU4984		
MF:	C20H19N3O2	FW:	333.38376
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O=C1/C(=C/C2C=CC(N3CCN(C=O)CC3)=CC=2)/C2C(=CC=CC=2)N1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

SU4984 是一种蛋白质酪氨酸激酶抑制剂，抑制成纤维细胞生长因子受体 1 (FGFR1) 的 IC_{50} 值为 10-20 μM。SU4984 还可抑制血小板衍生的生长因子受体和胰岛素受体的活性。SU4984 可用于癌症研究。

生物活性	SU4984 is a protein tyrosine kinase inhibitor, with an IC 50 of 10-20 μM for fibroblast growth factor receptor 1 (FGFR1). SU4984 is also inhibits platelet-derived growth factor receptor, and insulin receptor. SU4984 can be used for the research of cancer.
IC50 & Target[1][2]	FGFR1 10-20 μM (IC50)
体外研究(In Vitro)	SU4984 (5-100 μM; 5 min) inhibits the kinase activity of FGFR1K with an IC50 of 10-20 μM in the presence of 1 mM adenosine triphosphate (ATP). SU4984 (10-90 μM; 5 min) inhibits the autophosphorylation of FGFR1 induced by aFGF in NIH 3T3 cells, with an IC50 of 20-40 μM. SU4984 (5 μM) substantially reduces tyrosine phosphorylation of the wild-type receptor and reduces 50% phosphorylation of constitutive C2 KIT. SU4984 (1-10 μM; 6 days) kills the C2 and P815 cells. has not independently confirmed the accuracy of these methods. They are for reference only.

包装储存	4°C, protect from light In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)
溶解度数据	In Vitro: DMSO : 50 mg/mL (149.98 mM; Need ultrasonic)配制储备液