



Product Information

CDK inhibitor GW779439X, Purity ≥98%

Cat. No.: X24-05-ZQ831

Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 551919-98-3

Compound CID: 10173796

Synonym: 551919-98-3; GW779439X; TCMDC-138687; CHEMBL468963; *N*

-[4-(4-methylpiperazin-1-yl)-3-(trifluoromethyl)phenyl]-4-pyrazolo[1,5-b]pyridazin-3-ylpyrimidin-2-amine; CDK inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	GW779439X is an CDK kinase inhibitor that disrupts cell division processes.
Molecular Weight	454.46
Molecular Formula	C ₂₂ H ₂₁ F ₃ N ₈
IUPAC Name	<i>N</i> -[4-(4-methylpiperazin-1-yl)-3-(trifluoromethyl)phenyl]-4-pyrazolo[1,5-b]pyridazin-3-ylpyrimidin-2-amine
InChI	InChI=1S/C22H21F3N8/c1-31-9-11-32(12-10-31)20-5-4-15(13-17(20)22(23,24)25)29-21-26-8-6-18(30-21)16-14-28-33-19(16)3-2-7-27-33/h2-8,13-14H,9-12H2,1H3,(H,26,29,30)
InChI Key	ZOTNSCLLJKXGSD-UHFFFAOYSA-N
Canonical SMILES	CN1CCN(CC1)C2=C(C=C(C=C2)NC3=NC=CC(=N3)C4=C5C=CC=NN5N=C4)C(F)(F)F
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	GW779439X is used to investigate its dual inhibitory effects on CDK2 and CDK5 in regulating cell cycle and neuronal functions.
Storage	Store at -20°C.