



## Product Information

### CDK inhibitor GW779439X, Purity $\geq 98\%$

**Cat. No.:** X24-05-ZQ831

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

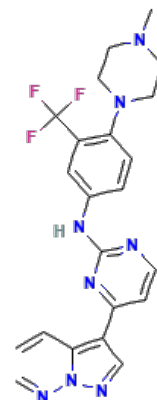
**CAS Number:** 551919-98-3

**Compound CID:** 10173796

**Synonym:** 551919-98-3; GW779439X; TCMD-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

<b>Description</b>	GW779439X is an CDK kinase inhibitor that disrupts cell division processes.
<b>Molecular Weight</b>	454.46
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>21</sub> F <sub>3</sub> N <sub>8</sub>
<b>IUPAC Name</b>	<i>N</i> -[4-(4-methylpiperazin-1-yl)-3-(trifluoromethyl)phenyl]-4-pyrazolo[1,5-b]pyridazin-3-ylpyrimidin-2-amine
<b>InChI</b>	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)
<b>InChI Key</b>	ZOTNSCLLJKXGSD-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CN1CCN(CC1)C2=C(C=C(C=C2)NC3=NC=CC(=N3)C4=C5C=CC=NN5N=C4)C(F)(F)F
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	GW779439X is used to investigate its dual inhibitory effects on CDK2 and CDK5 in regulating cell cycle and neuronal functions.
<b>Storage</b>	Store at -20°C.