



Product Information

CDK inhibitor GW843682X, Purity $\geq 98\%$

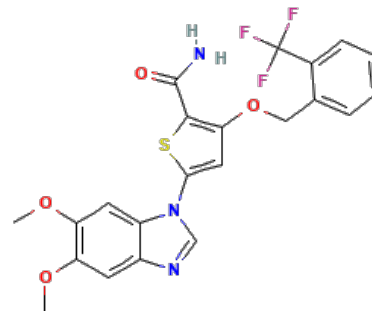
Cat. No.: X24-05-ZQ697

Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 660868-91-7

Compound CID: 9826308

Synonym: 660868-91-7; GW843682X; GW 843682X; GW843682; 5-(5,6-Dimethoxybenzimidazol-1-yl)-3-[[2-(trifluoromethyl)phenyl]methoxy]thiophene-2-carboxamide; CDK inhibitor



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

Product Information

Description	GW843682X is an CDK kinase inhibitor that disrupts cell division processes. It targets Aurora A, CDK2/cyclin A, PDGFR1 β , and PLK1.
Molecular Weight	477.46
Molecular Formula	C ₂₂ H ₁₈ F ₃ N ₃ O ₄ S
Targets	Aurora A: 4800 nM; CDK2/cyclin A: 7600 nM; PDGFR1 β : 160 nM; PLK1: 2.2 nM
IUPAC Name	5-(5,6-Dimethoxybenzimidazol-1-yl)-3-[[2-(trifluoromethyl)phenyl]methoxy]thiophene-2-carboxamide
InChI	InChI=1S/C22H18F3N3O4S/c1-30-16-7-14-15(8-17(16)31-2)28(11-27-14)19-9-18(20(33-19)21(26)29)32-10-12-5-3-4-6-13(12)22(23,24)25/h3-9,11H,10H2,1-2H3,(H2,26,29)
InChI Key	JSKUWFIZUALZLX-UHFFFAOYSA-N
Canonical SMILES	<chem>COC1=C(C=C2C(=C1)N=CN2C3=CC(=C(S3)C(=O)N)OCC4=CC=CC=C4C(F)(F)F)OC</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	GW843682X can be used to explore its role as a Plk1 inhibitor in cancer research.
Storage	Store at -20°C.