



Product Information

CDK inhibitor CGP60474, Purity ≥98%

Cat. No.: X24-05-ZQ737

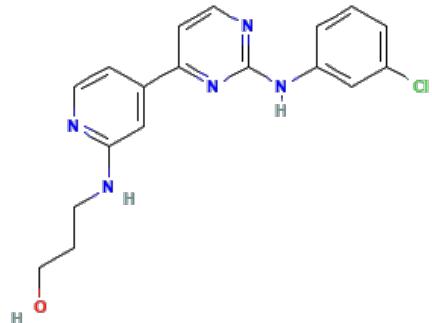
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 164658-13-3

Compound CID: 644215

Synonym: 164658-13-3; CGP-60474; CDK inhibitor

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



Product Information

Description	CGP60474 is an CDK kinase inhibitor that disrupts cell division processes. It targets CDK1-Cyclin B, cdk2/cyclin A, CDK2/cyclinE, and CDK4/cyclin D.
Molecular Weight	355.8
Molecular Formula	C ₁₈ H ₁₈ ClN ₅ O
Targets	CDK1-Cyclin B: 26 nM; cdk2/cyclin A: 4 nM; CDK2/cyclinE: 3 nM; CDK4/cyclin D: 216 nM
IUPAC Name	3-[[4-[2-(3-Chloroanilino)pyrimidin-4-yl]pyridin-2-yl]amino]propan-1-ol
InChI	InChI=1S/C18H18ClN5O/c19-14-3-1-4-15(12-14)23-18-22-9-6-16(24-18)13-5-8-21-17(11-13)20-7-2-10-25/h1,3-6,8-9,11-12,25H,2,7,10H2,(H,20,21)(H,22,23,24)
InChI Key	IYNDTACKOAXKBJ-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=CC(=C1Cl)NC2=NC=CC(=N2)C3=CC(=NC=C3)NCCCO
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	CGP60474 can be utilized to explore its broad inhibition of CDKs and its potential implications in cancer treatment.
Storage	Store at -20°C.