



Product Information

CDK inhibitor AG-024322, Purity ≥98%

Cat. No.: X24-05-ZQ773

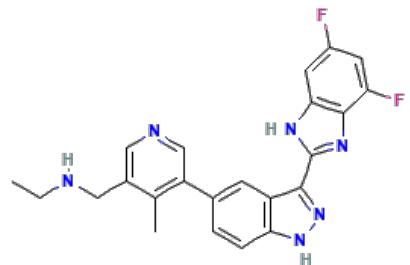
Size: 10 mg; 25 mg; 50 mg

CAS Number: 837364-57-5

Compound CID: 135413565

Synonym: 837364-57-5; AG024322; AG-024322; CDK inhibitor

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



Product Information

Description	AG-024322 is an CDK kinase inhibitor that disrupts cell division processes. It targets COX-1, COX-2, COX-4.
Molecular Weight	418.44
Molecular Formula	C ₂₃ H ₂₀ F ₂ N ₆
Targets	COX-1: 2.3 nM (Ki); COX-2: 3 nM (Ki); COX-4: 2.9 nM (Ki)
IUPAC Name	N-[[5-[3-(4,6-difluoro-1H-benzimidazol-2-yl)-1H-indazol-5-yl]-4-methylpyridin-3-yl]methyl]ethanamine
InChI	InChI=1S/C23H20F2N6/c1-3-26-9-14-10-27-11-17(12(14)2)13-4-5-19-16(6-13)21(31-30-19)23-28-20-8-15(24)7-18(25)22(20)29-23/h4-8,10-11,26H,3,9H2,1-2H3,(H,28,29)(H,30,31)
InChI Key	MEKASOQEXYKAKM-UHFFFAOYSA-N
Canonical SMILES	CCNCC1=CN=CC(=C1C)C2=CC3=C(C=C2)NN=C3C4=NC5=C(N4)C=C(C=C5F)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	AG-024322 can be used to study the inhibition of CDKs and its effects on cell proliferation and apoptosis.
Storage	Store at -20°C.