CD BioGlyco
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Product Information

CDK inhibitor CCT241533, Purity ≥98%

Cat. No.: X24-05-ZQ695

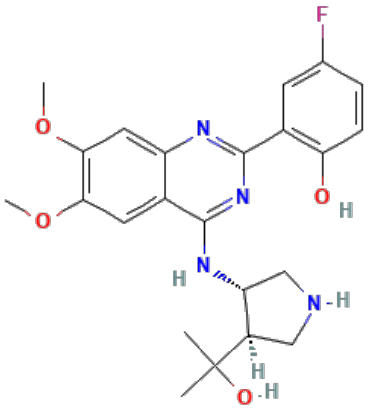
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1262849-73-9

Compound CID: 135564841

Synonym: 1262849-73-9; CCT-241533; CDK inhibitor

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



Product Information

Description	CCT241533 is an CDK kinase inhibitor that disrupts cell division processes. It targets Chk1, Chk2, and Chk2.
Molecular Weight	442.2
Molecular Formula	$C_{23}H_{27}FN_4O_4$
Targets	Chk1: 245 nM; Chk2: 3 nM; Chk2: 1.16 nM (Ki)
IUPAC Name	4-Fluoro-2-[4-[[(3*S*,4*R*)-4-(2-hydroxypropan-2-yl)pyrrolidin-3-yl]amino]-6,7-dimethoxyquinazolin-2-yl]phenol
InChI	InChI=1S/C23H27FN4O4/c1-23(2,30)15-10-25-11-17(15)27-21-13-8-19(31-3)20(32-4)9-16(13)26-22(28-21)14-7-12(24)5-6-18(14)29/h5-9,15,17,25,29-30H,10-11H2,1-4H3,(H,26,27,28)/t15-,17-/m1/s1
InChI Key	HZASIAXCPXTISQ-NVXWUHKLSA-N
Canonical SMILES	CC(C)(C1CNCC1NC2=NC(=NC3=CC(=C(C=C32)OC)OC)C4=C(C=CC(=C4)F)O)O
Isomeric SMILES	CC(C)([C@@H]1CNC[C@H]1NC2=NC(=NC3=CC(=C(C=C32)OC)OC)C4=C(C=CC(=C4)F)O)O
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	CCT241533 can be used to explore its role as a selective Chk1 inhibitor in enhancing cancer therapy effectiveness.
Storage	Store at -20ºC.

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