

Product Information

CDK inhibitor LY-3177833, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ779

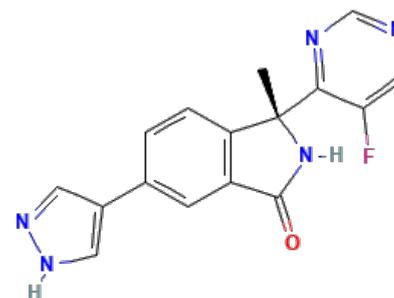
Size: 5 mg; 10 mg; 50 mg

CAS Number: 1627696-51-8

Compound CID: 81689696

Synonym: 1627696-51-8; LY 3177833; LY3177833; CDK inhibitor

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



Product Information

Description	LY-3177833 is an CDK kinase inhibitor that disrupts cell division processes. It targets Cdc7 and pMCM2.
Molecular Weight	309.3
Molecular Formula	C ₁₆ H ₁₂ FN ₅ O
Targets	Cdc7: 3.3 nM; pMCM2: 290 nM
IUPAC Name	(3 <i>R</i>)-3-(5-fluoropyrimidin-4-yl)-3-methyl-6-(1 <i>H</i> -pyrazol-4-yl)-2 <i>H</i> -isoindol-1-one
InChI	InChI=1S/C16H12FN5O/c1-16(14-13(17)7-18-8-19-14)12-3-2-9(10-5-20-21-6-10)4-11(12)15(23)22-16/h2-8H,1H3,(H,20,21)(H,22,23)/t16-m/s1
InChI Key	KNLVLWZENYQYRT-MRXNPFEDSA-N
Canonical SMILES	CC1(C2=C(C=C(C=C2)C3=CN=C3)C(=O)N1)C4=NC=NC=C4F
Isomeric SMILES	C[C@@]1(C2=C(C=C(C=C2)C3=CN=C3)C(=O)N1)C4=NC=NC=C4F
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	LY-3177833 can be used to study selective inhibition of CDK7, impacting transcription regulation and cell cycle progression.
Storage	Store at -20°C.