

Product Information

CDK inhibitor CDK4/6/1 inhibitor, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ805

Size: 1 mg; 5 mg; 10 mg

CAS Number: 2099128-41-1

Compound CID: 129202507

Synonym: 2099128-41-1; Crozbaciclilb; Crozbaciclilb [INN]; CDK4/6/1 Inhibitor;

5Y2Z8AH65E; UNII-5Y2Z8AH65E; CDK inhibitor

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



Product Information

Description	CDK4/6/1 inhibitor is an CDK kinase inhibitor that disrupts cell division processes.
Molecular Weight	488.57
Molecular Formula	C ₂₈ H ₃₀ F ₂ N ₆
IUPAC Name	5-Fluoro-4-(7'-fluoro-2'-methylspiro o[cyclopentane-1,3'-indole]-5'-yl)-N-[5-(1-methylpiperidin-4-yl)pyridin-2-yl]pyrimidin-2-amine
InChI	InChI=1S/C28H30F2N6/c1-17-28(9-3-4-10-28)21-13-20(14-22(29)26(21)33-17)25-23(30)16-32-27(3 5-25)34-24-6-5-19(15-31-24)18-7-11-36(2)12-8-18/h5-6,13-16,18H,3-4,7-12H2,1-2H3,(H,31,32,34,3 5)
InChI Key	AEFFENQISAXIKE-UHFFFAOYSA-N
Canonical SMILES	CC1=NC2=C(C13CCCC3)C=C(C=C2F)C4=NC(=NC=C4F)NC5=NC=C(C=C5)C6CCN(CC6)C
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	CDK4/6/1 inhibitor can be used to study the simultaneous inhibition of CDKs 4, 6, and 1, affecting cancer cell proliferation.
Storage	Store at -20°C.